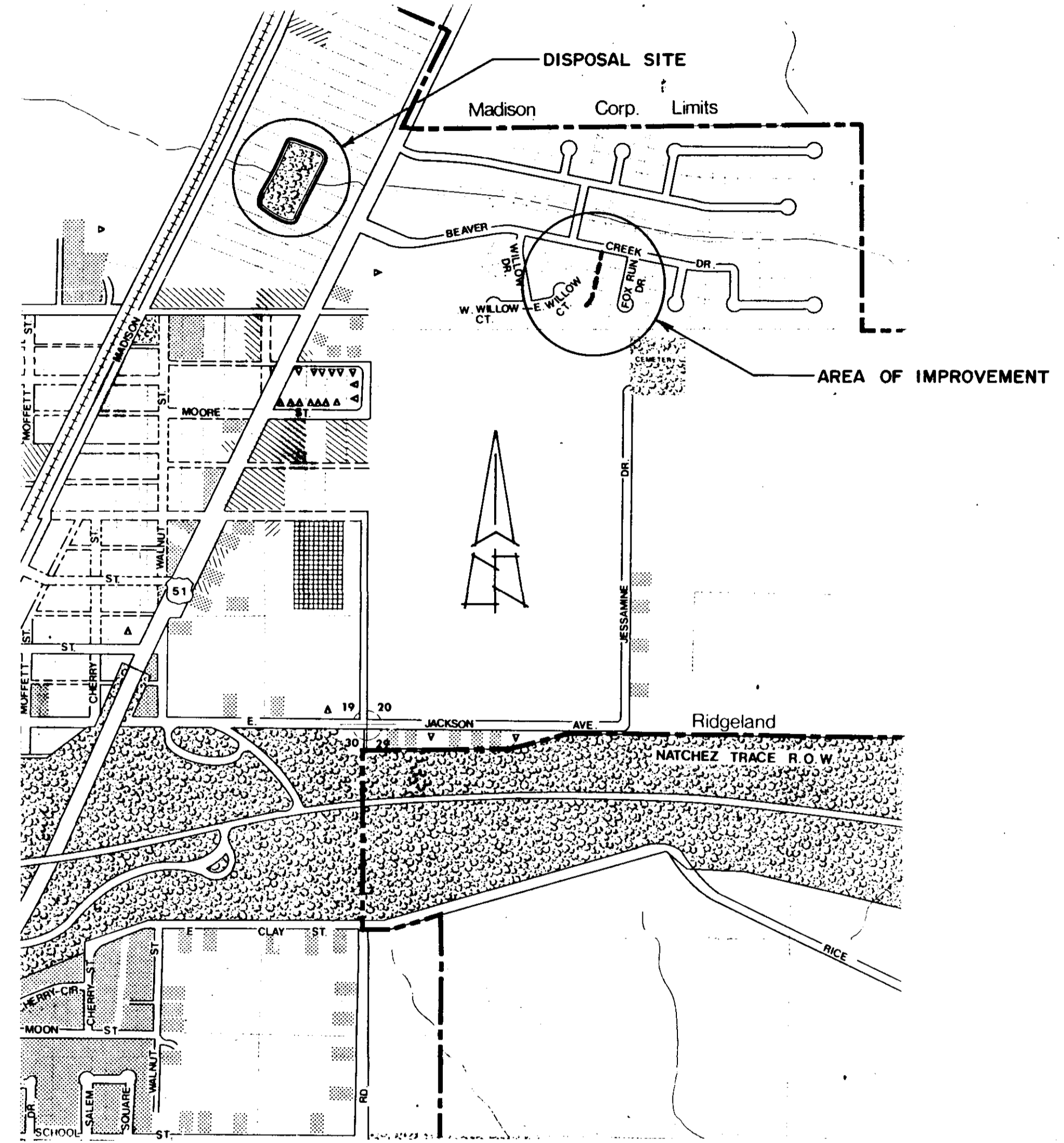
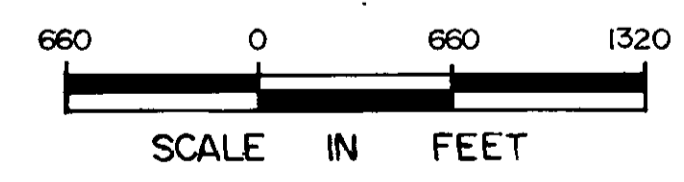


ITEM	QUANTITIES				
	CONTRACT ESTIMATE	UNIT	FINAL PAY		
			AMOUNT	UNIT PRICE	DOLLARS
STRUCTURE REMOVAL	1	*L.S.			
VEGETATION	1	AC			
EXCAVATION	655	C.Y.			
EARTHFILL	135	C.Y.			
CONCRETE PIPE, 15" DIA.	96	L.F.			
GEOTEXTILE	3000	S.Y.			
CELLULAR CONCRETE BLOCKS	17418	S.F.			
CONCRETE GROUT	6.4	C.Y.			
			TOTAL		

\*L.S. - Lump Sum



LOCATION MAP



# TRACE RIDGE EMERGENCY WATERSHED PROTECTION

CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI

U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

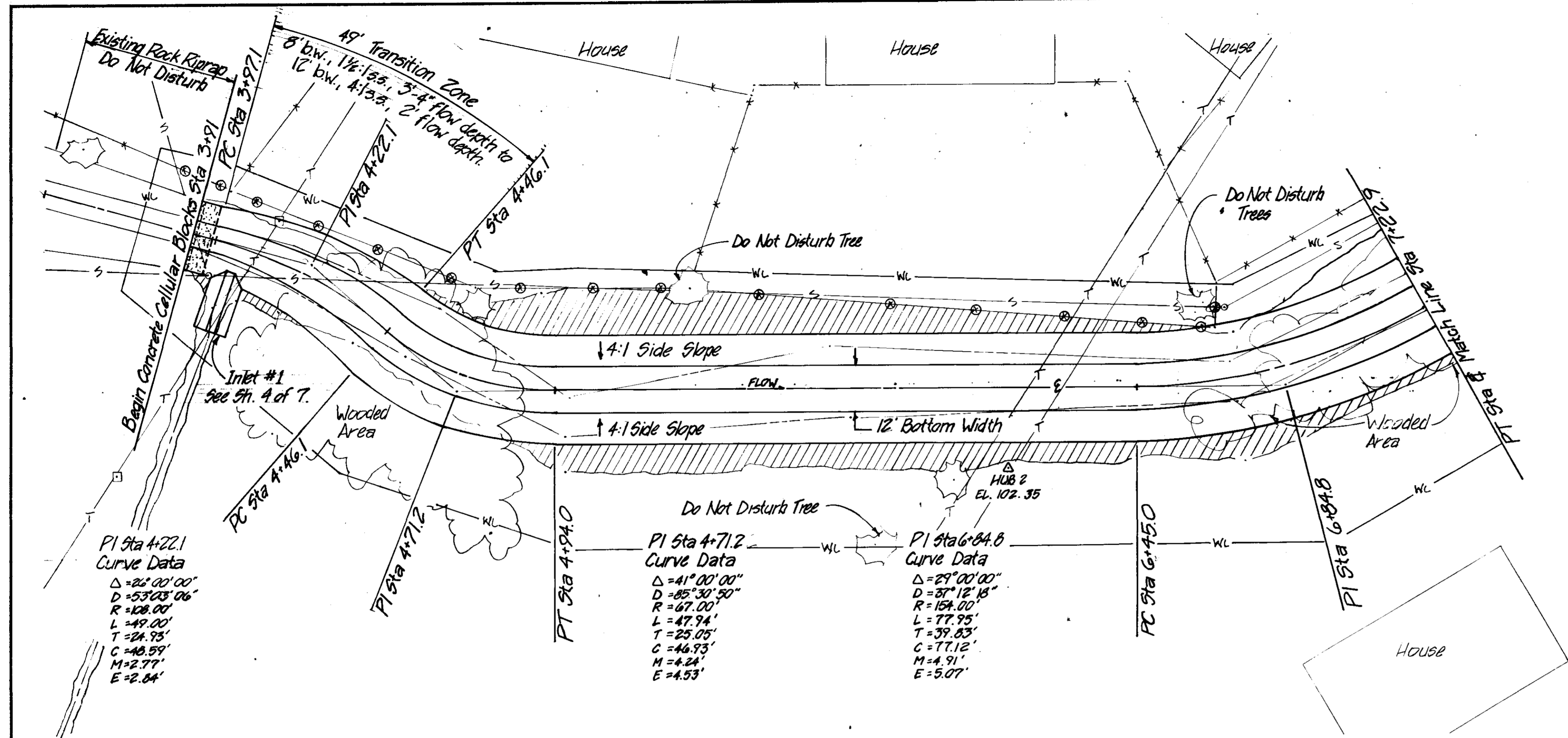
INDEX OF DRAWINGS	
SHEET NO.	DESCRIPTION
1	LOCATION MAP
2-3	PLAN-PROFILE
4	DETAILS
5-7	TYPICAL SECTIONS

Location Map

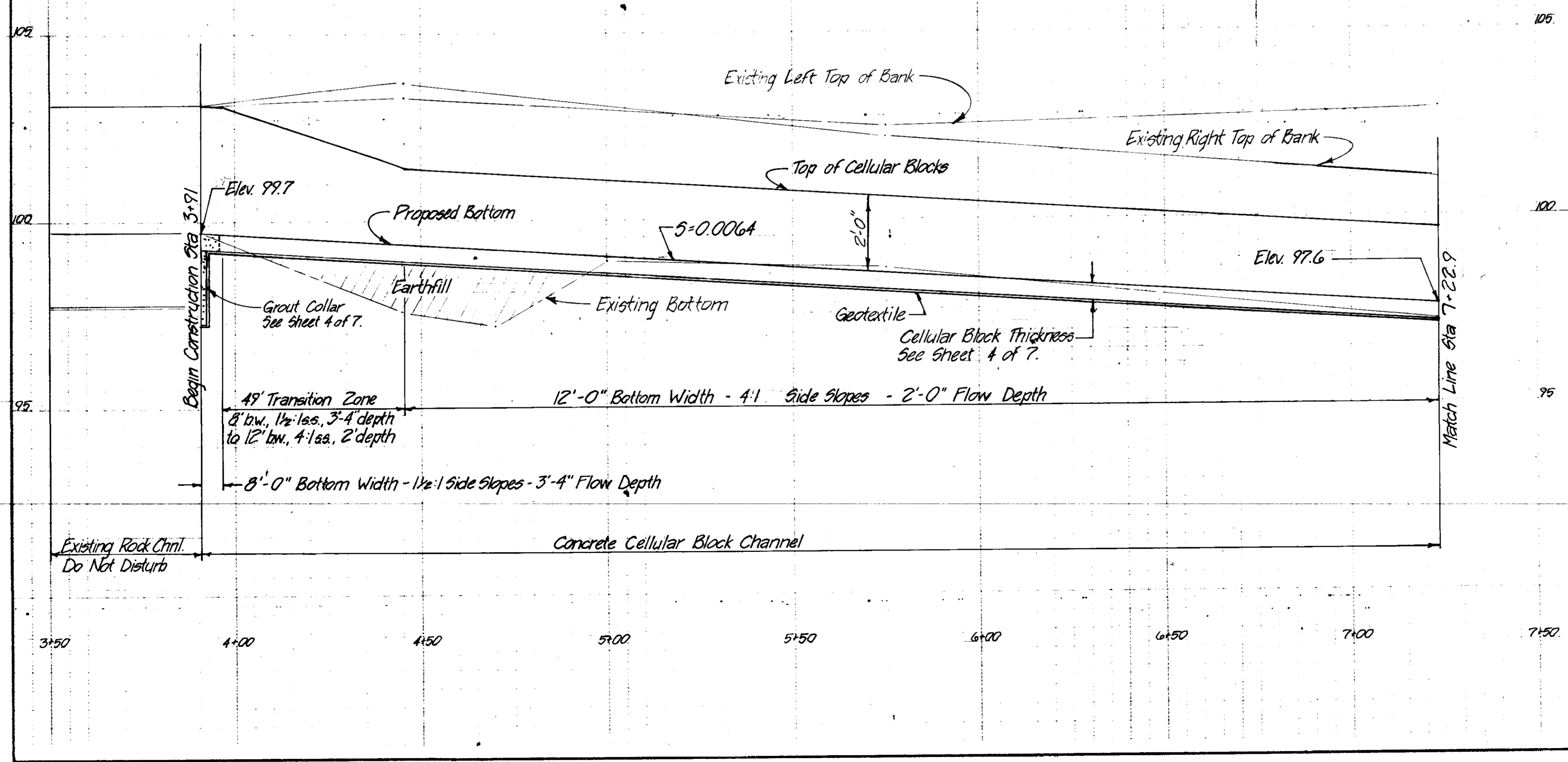
**U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE**

Designed by R. R. Childress N. E. McCalip	Date 09-89	Approved by <i>Richard H. Allen</i> STATE CONSERVATION ENGINEER, SC JACKSON, MISSISSIPPI
Drawn N. E. McCalip	Date 09-89	Title 7/1/90
Checked R. R. Childress	Date 09-89	Dr. King

PW P-02001



- LEGEND**
- △ Transit Station
  - Plotted Point
  - Sewer Line w/ Manhole
  - Telephone Line w/ Junc. Box & Pole
  - Power Line w/ Pole
  - Water Line w/ Meter
  - Gas Line w/ Meter
  - Television Cable w/ Junc. Box
  - x— Existing Fence
  - ⊗ Fence to be Removed
  - WL— Work Limits
  - Limit of Cut
  - Proposed Centerline
  - Drainage
  - Existing Toe
  - Existing Top of Bank
  - Existing Trees
  - Existing Shrubs or Hedges
  - Rock Riprap
  - Area to be Grouted
  - Area to be Filled
  - Property Lines

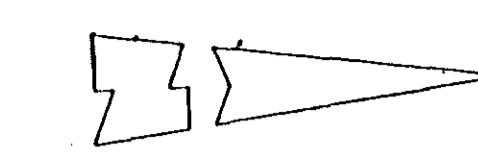
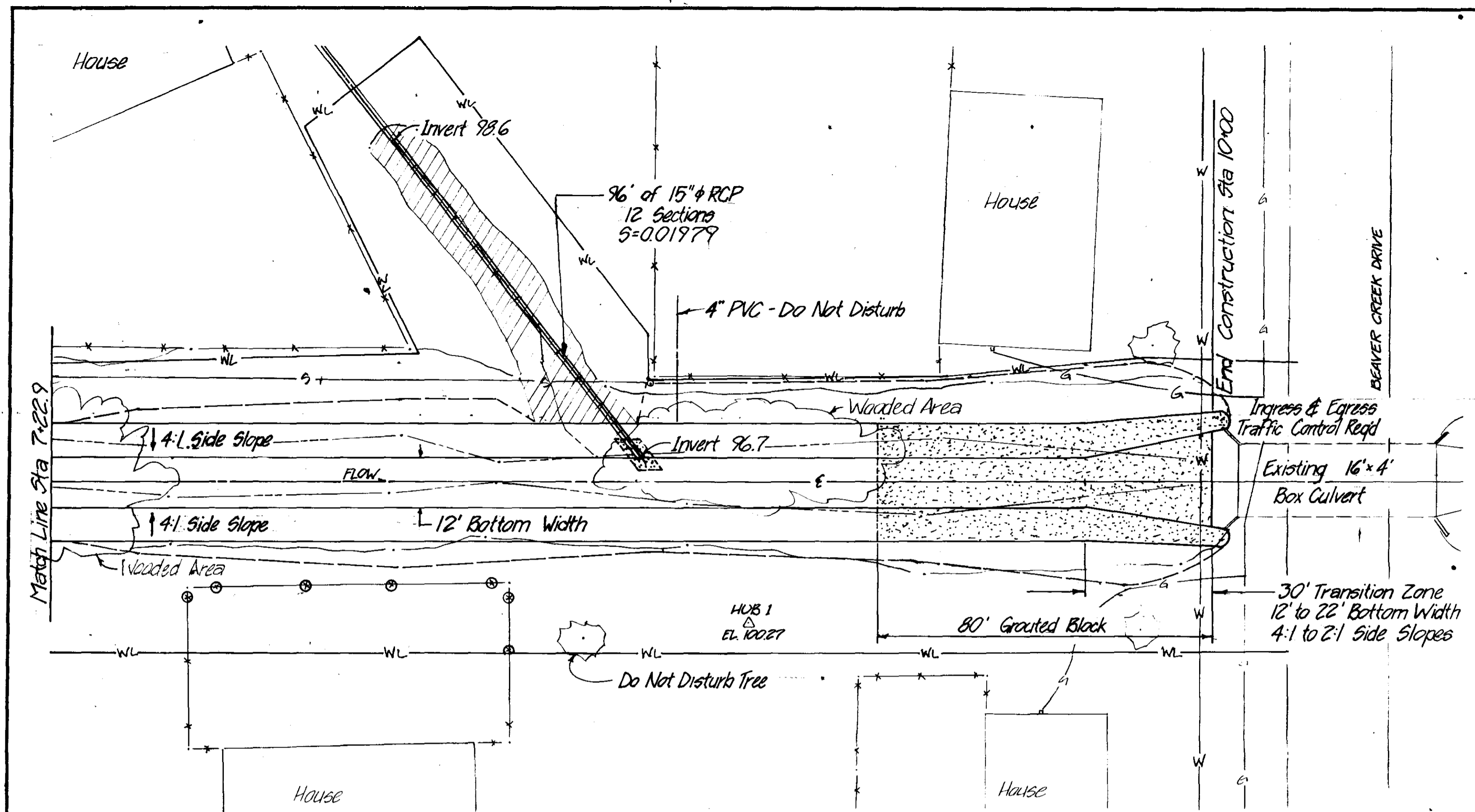


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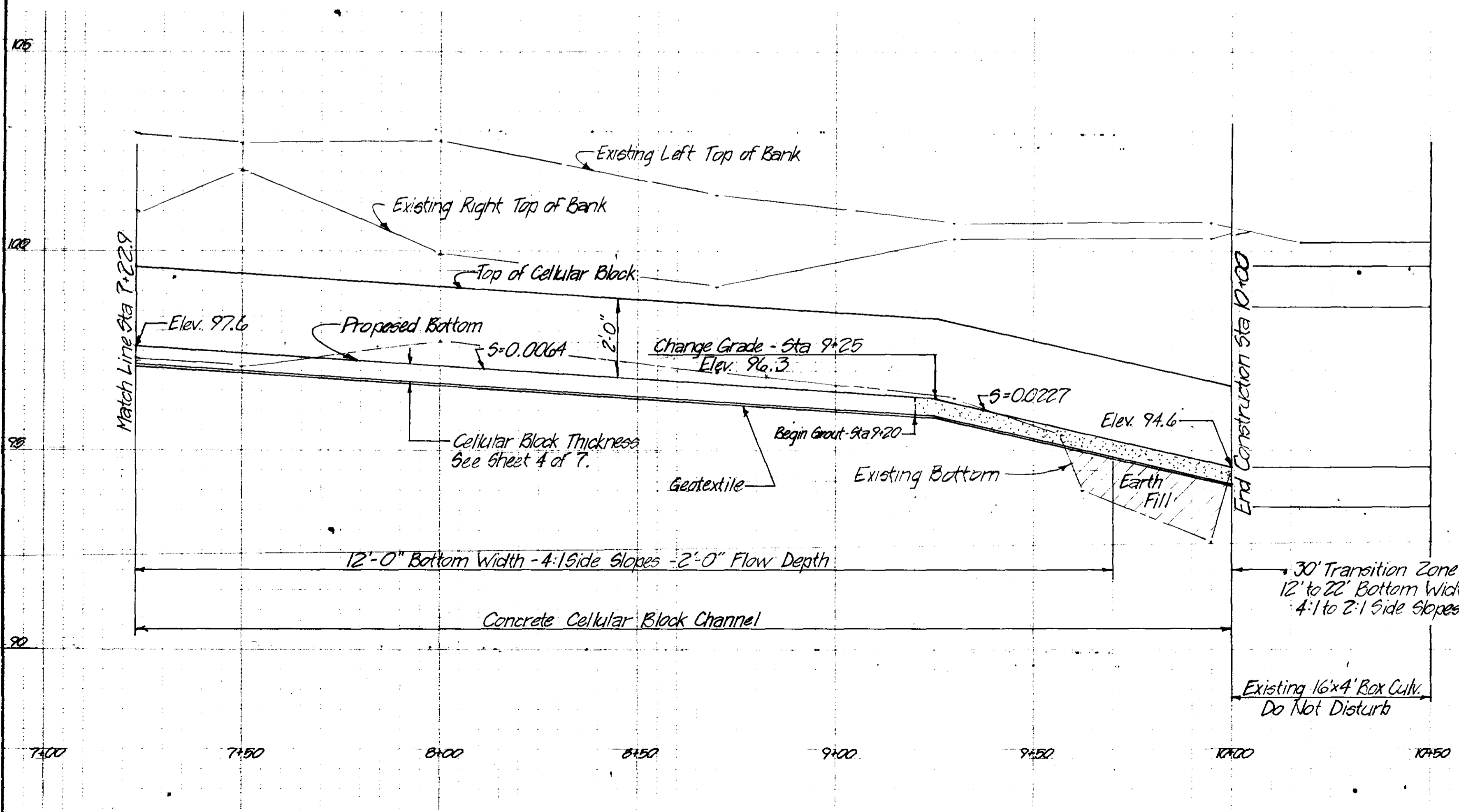
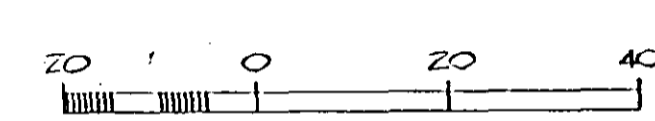
**TRACERIDGE**  
 CITY OF RIDGELAND  
 MADISON COUNTY, MISSISSIPPI  
 EMERGENCY WATERSHED PROTECTION  
 PLAN - PROFILE

**U. S. DEPARTMENT OF AGRICULTURE  
 SOIL CONSERVATION SERVICE**

Designed	RRC, NEM	Date	07-89	Approved by	
Drawn	NEM	Date	07-89	Title	
Traced		Date		Sheet	2
Checked	RRC	Date	07-89	Drawing No.	



- LEGEND**
- △ Transit Station
  - Flotted Point
  - Sewer Line w/ Manhole
  - Telephone Line w/ Junc. Box & Pole
  - Power Line w/ Pole
  - Water Line w/ Meter
  - Gas Line w/ Meter
  - Television Cable w/ Junc. Box
  - x—x— Existing Fence
  - ⊗⊗⊗ Fence to be Removed
  - WL— Work Limits
  - Limit of Cut
  - Proposed Centerline
  - Drainage
  - Existing Toe
  - Existing Top of Bank
  - Existing Trees
  - Existing Shrubs or Hedges
  - Rock Riprap
  - Area to be Grouted
  - Erosion Control Matting
  - Area to be Filled
  - Property Lines



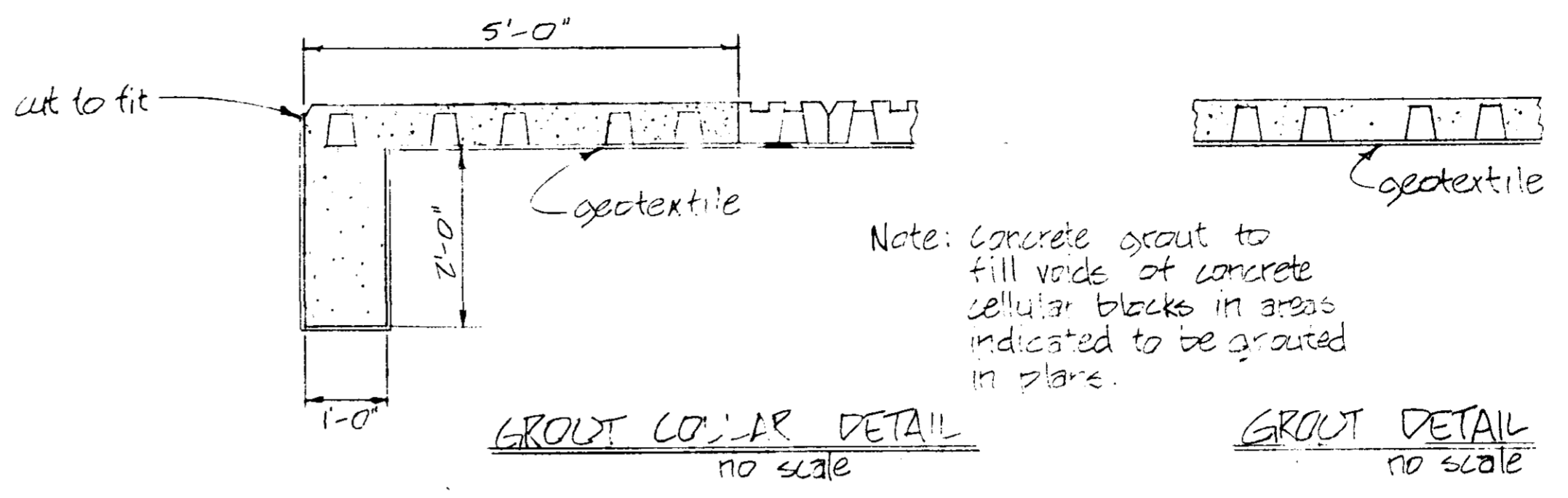
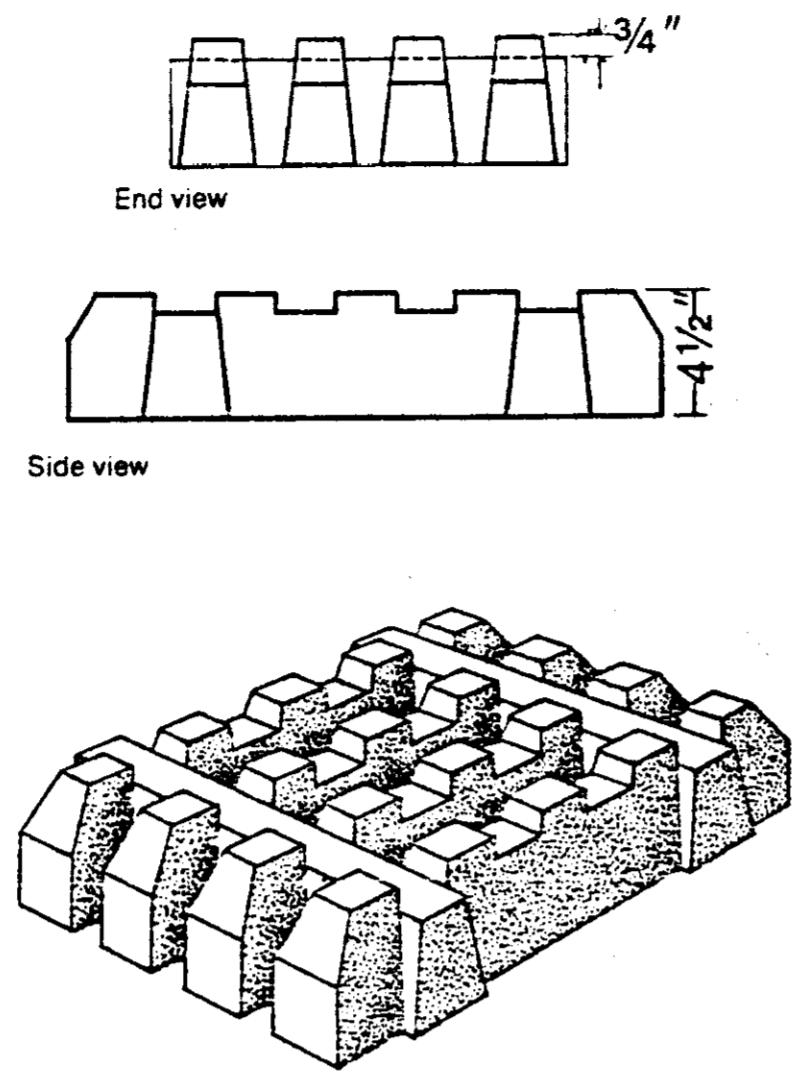
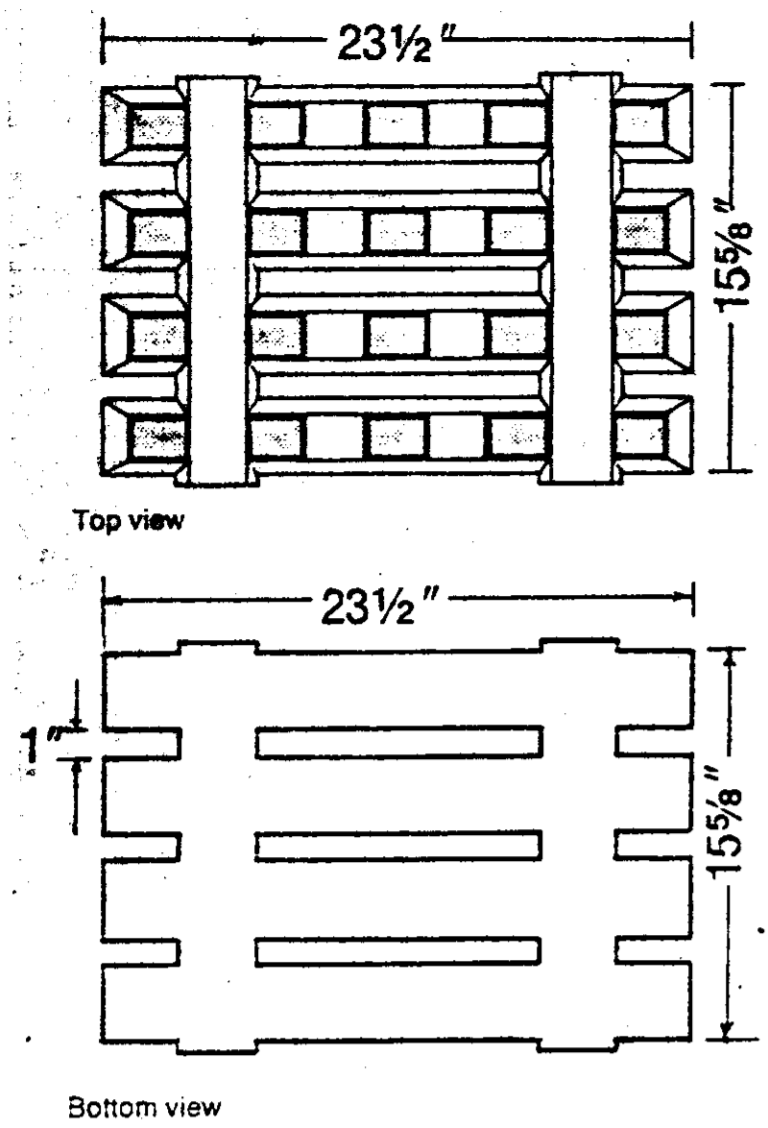
REVISION BLOCK					
#	INITIALS	DATE	#	INITIALS	DATE

**TRACERIDGE**  
 CITY OF RIDGELAND  
 MADISON COUNTY, MISSISSIPPI  
 EMERGENCY WATERSHED PROTECTION  
 PLAN AND PROFILE

**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

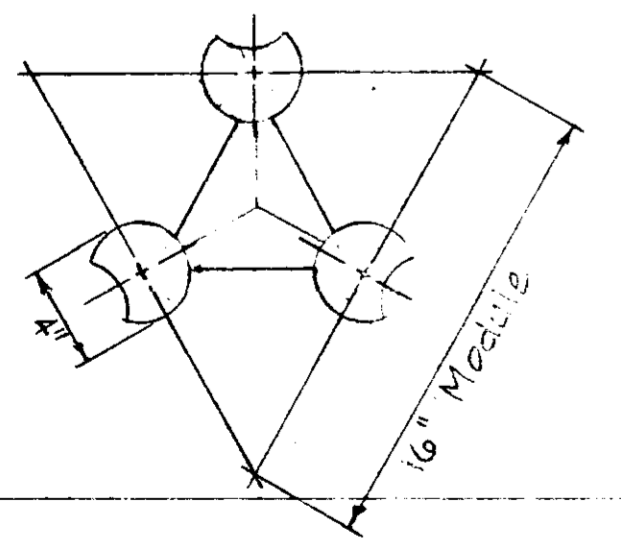
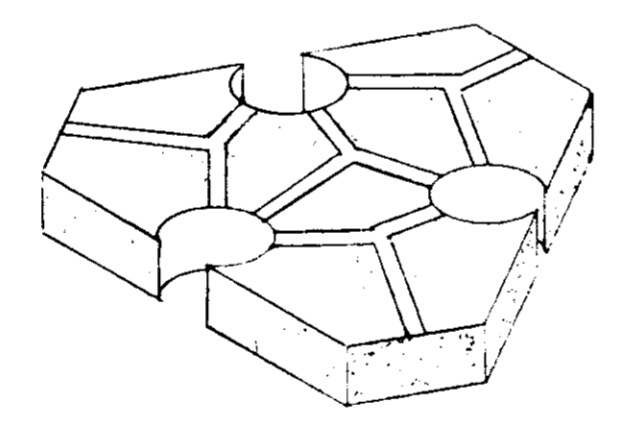
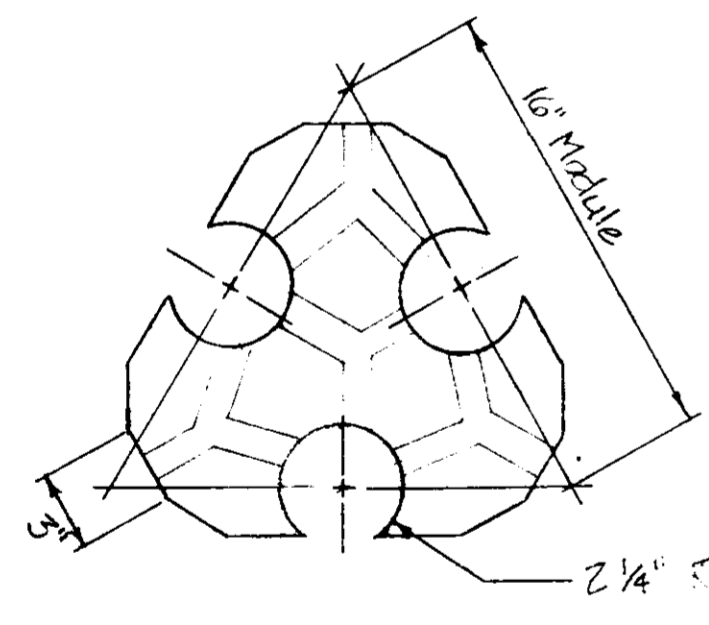
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Drawn: NEM	Date: 09-89	Checked:
Checked: RRC	Date: 09-89	Drawing No:

Sheet: 3  
 of 7



DETAILS OF CONCRETE CELLULAR BLOCKS  
ALTERNATE NO. 1

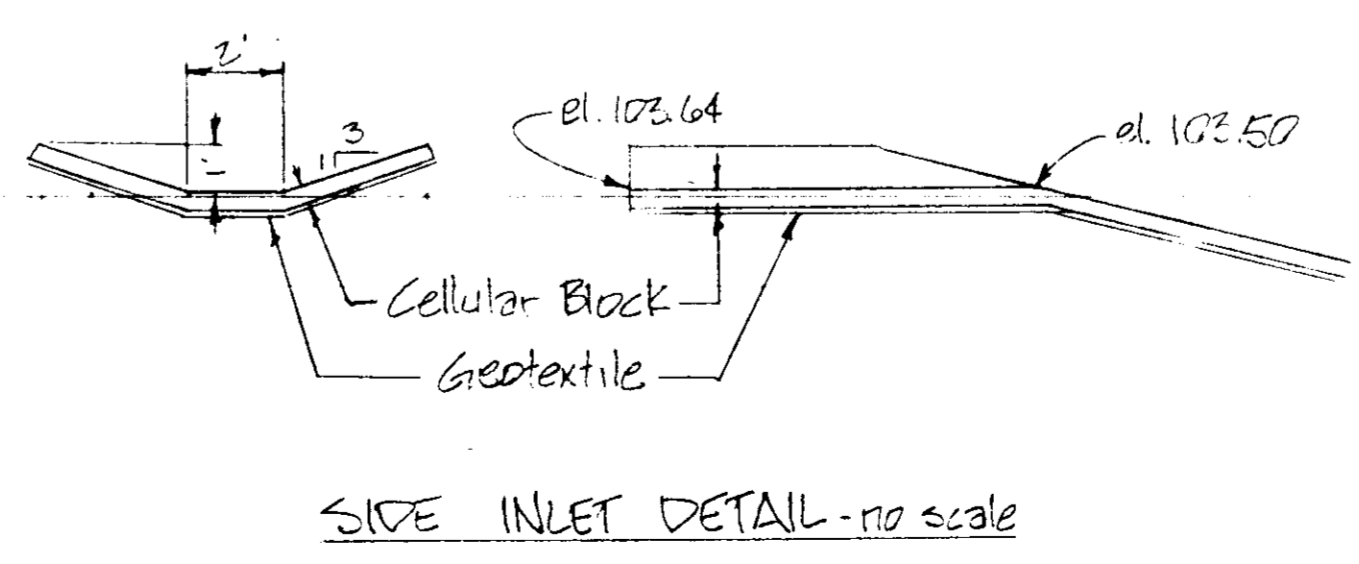
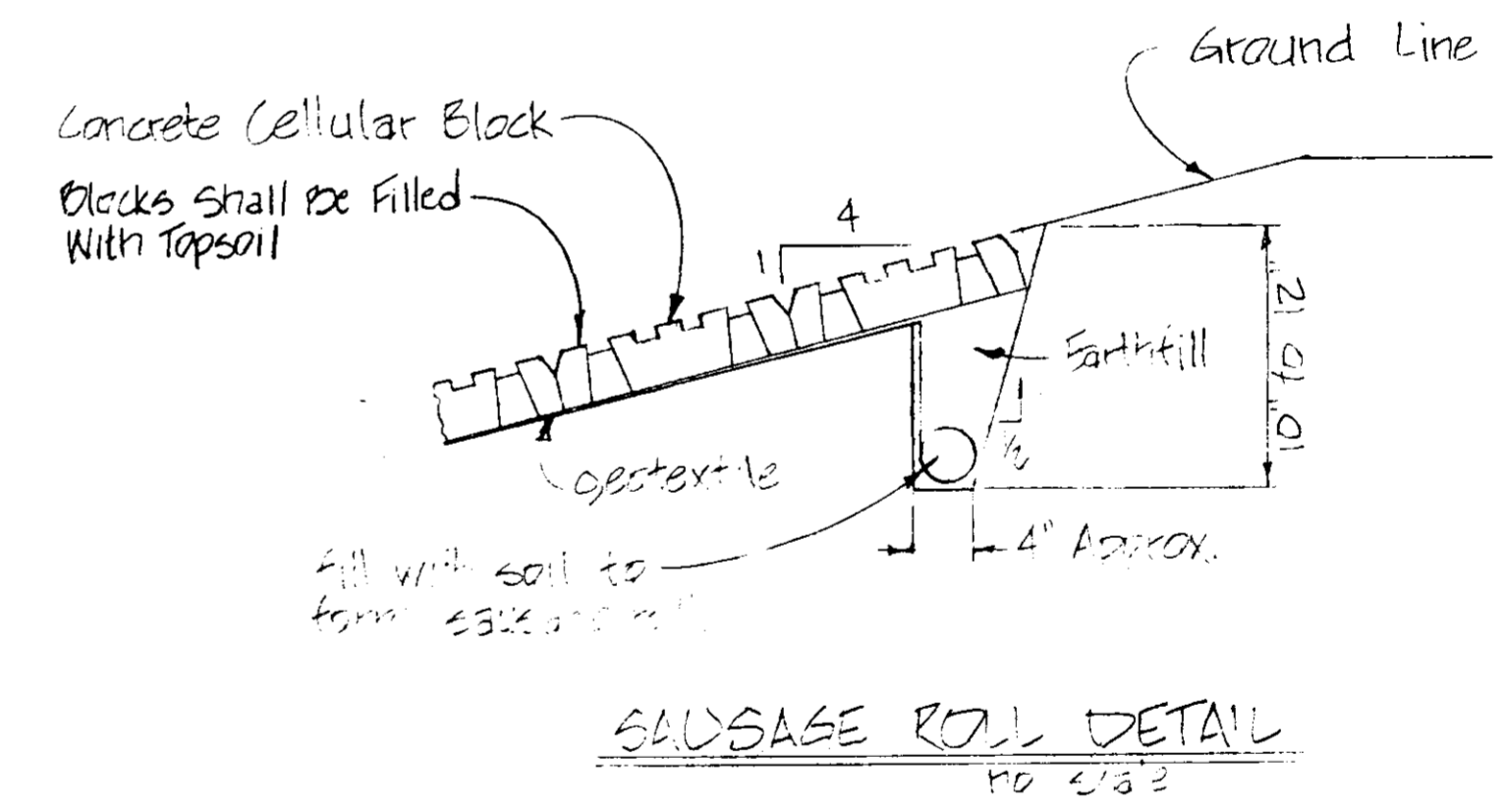
ESTIMATED QUANTITIES	
CONCRETE CELLULAR BLOCKS	174.2 ± ±
TOP SOIL	35 ± ±



Note: Height 4"

PLAN OF TRI-LOCK BLOCKS  
no scale

ISOMETRIC OF TRI-LOCK BLOCKS  
no scale



DETAILS OF TRI-LOCK EROSION CONTROL SYSTEMS  
ALTERNATE NO. 2

REVISION BLOCK					
#	INITIALS	DATE	#	INITIALS	DATE
Δ					

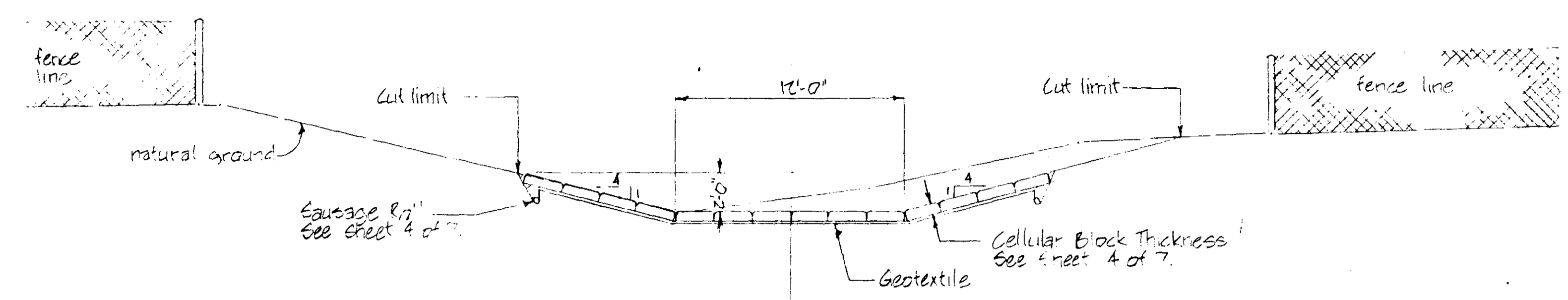
**TRACERIDGE**  
CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI  
EMERGENCY WATERSHED PROTECTION  
DETAILS

**U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE**

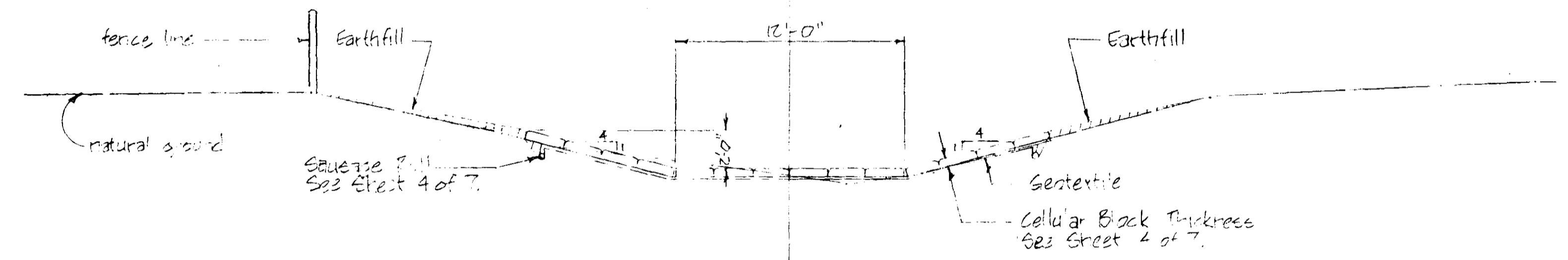
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Drawn NEM	Date 07.07	Title
Traced		Title
Checked RRC	Date 07.07	Sheet No. 4 of 7
		Drawing No.

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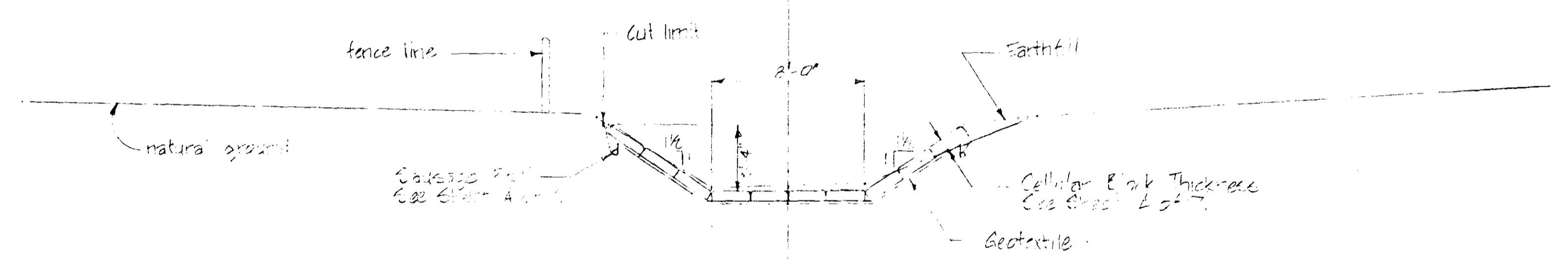
105 100 95 90 105 100 95 90 105 100 95 90 105 100 95 90



Typical Section at Sta 7+08



Typical Section at Sta 6+75



Typical Section at Sta 4+70

40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40

REVISION BLOCK					
#	INITIALS	DATE	#	INITIALS	DATE
Δ					

TRACERIDGE  
 CITY OF RIDGE AND  
 MADISON COUNTY, MISSISSIPPI  
 EMBANKMENT WATERWAY PROTECTION  
 TYPICAL SECTION

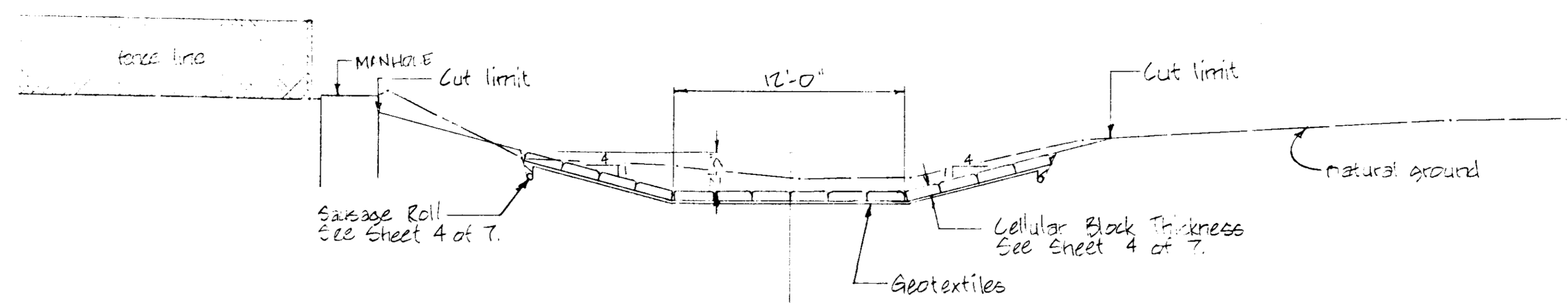
U. S. DEPARTMENT OF AGRICULTURE  
 SOIL CONSERVATION SERVICE

Designed: RRC, NEM	Date: 07-21	Approved by:
Drawn: NEM	Date: 07-24	Title:
Traced:	Date:	Title:
Checked: RRC	Date: 07-27	Sheet No. 5 of 7
		Drawing No.

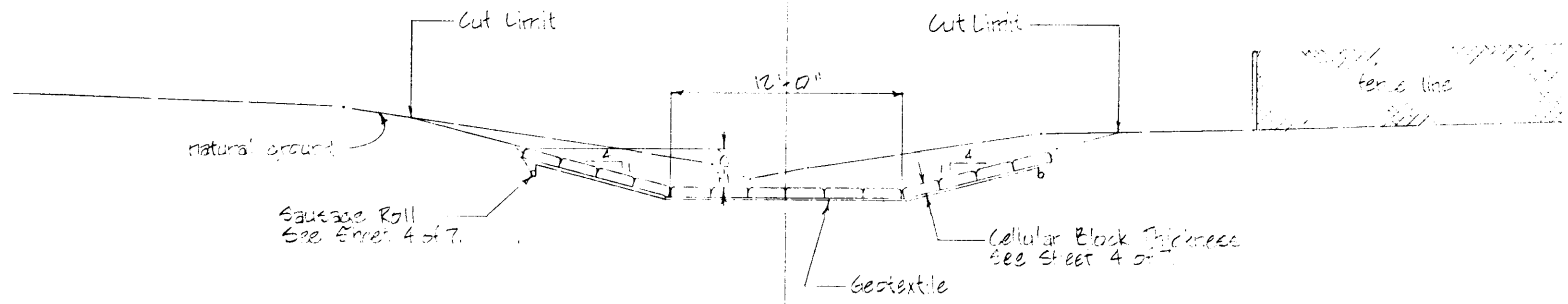
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100  
95  
90  
105  
100  
95  
90  
105  
100  
95  
90

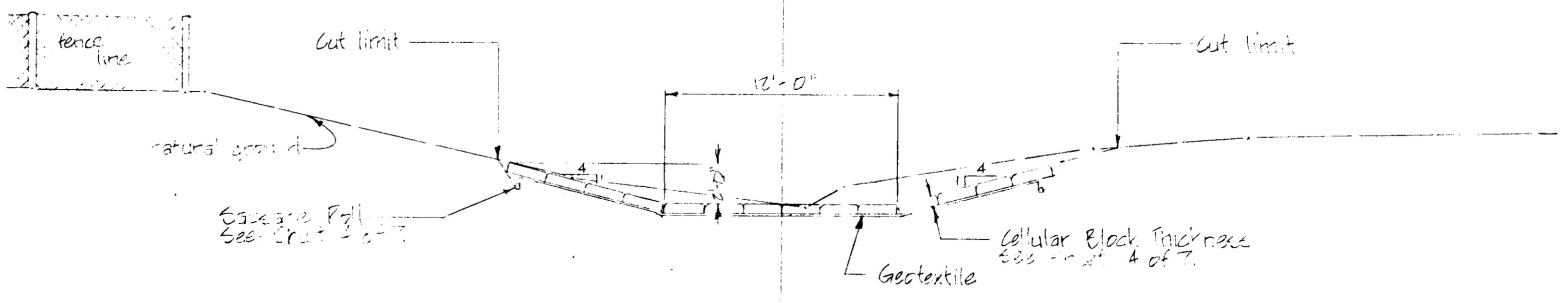
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95  
90  
105  
100  
95  
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105  
100  
95  
90



Typical section at sta 8+10



Typical section at sta 8+20



Typical section at sta 8+55

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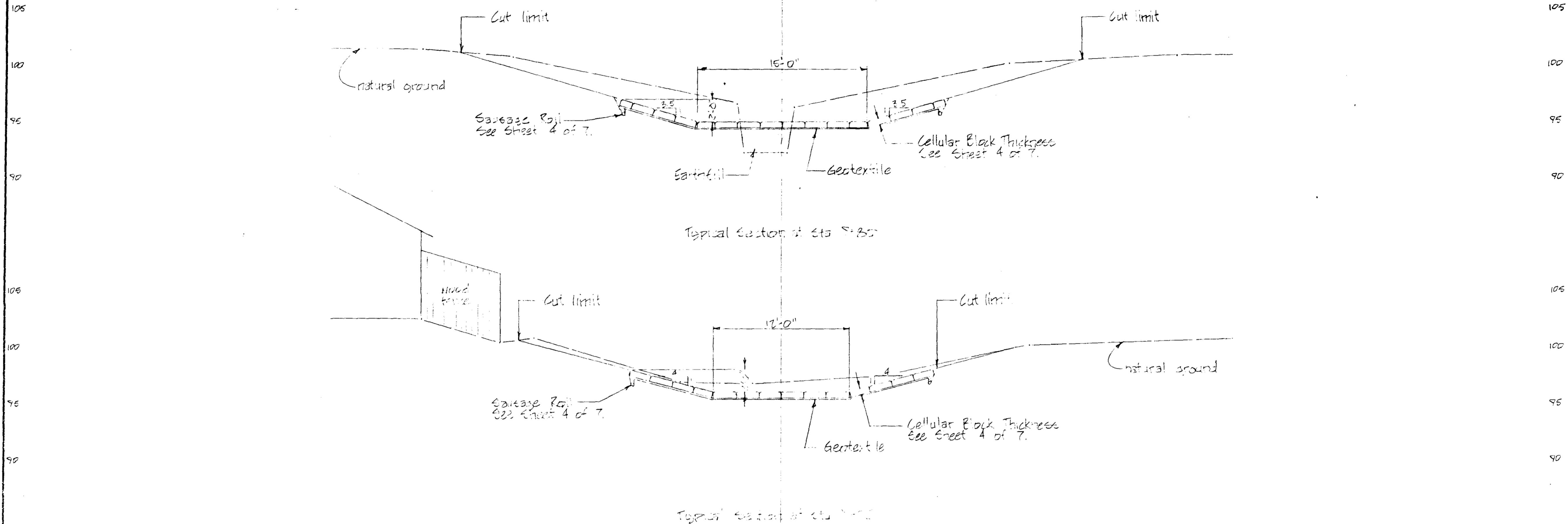
REVISION BLOCK					
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Δ					

TRACERIDGE  
CITY OF RIDGELAND  
MADISON COUNTY MISSISSIPPI  
EMERGENCY WATERWAYS PROTECTION  
TYPICAL SECTION

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

Designed RRL, NEM	Date 07-25	Approved by	
Drawn NEM	Date 07-25	Title	
Traced		Sheet No 6	Drawing No
Checked RRL	Date 07-25	of 7	

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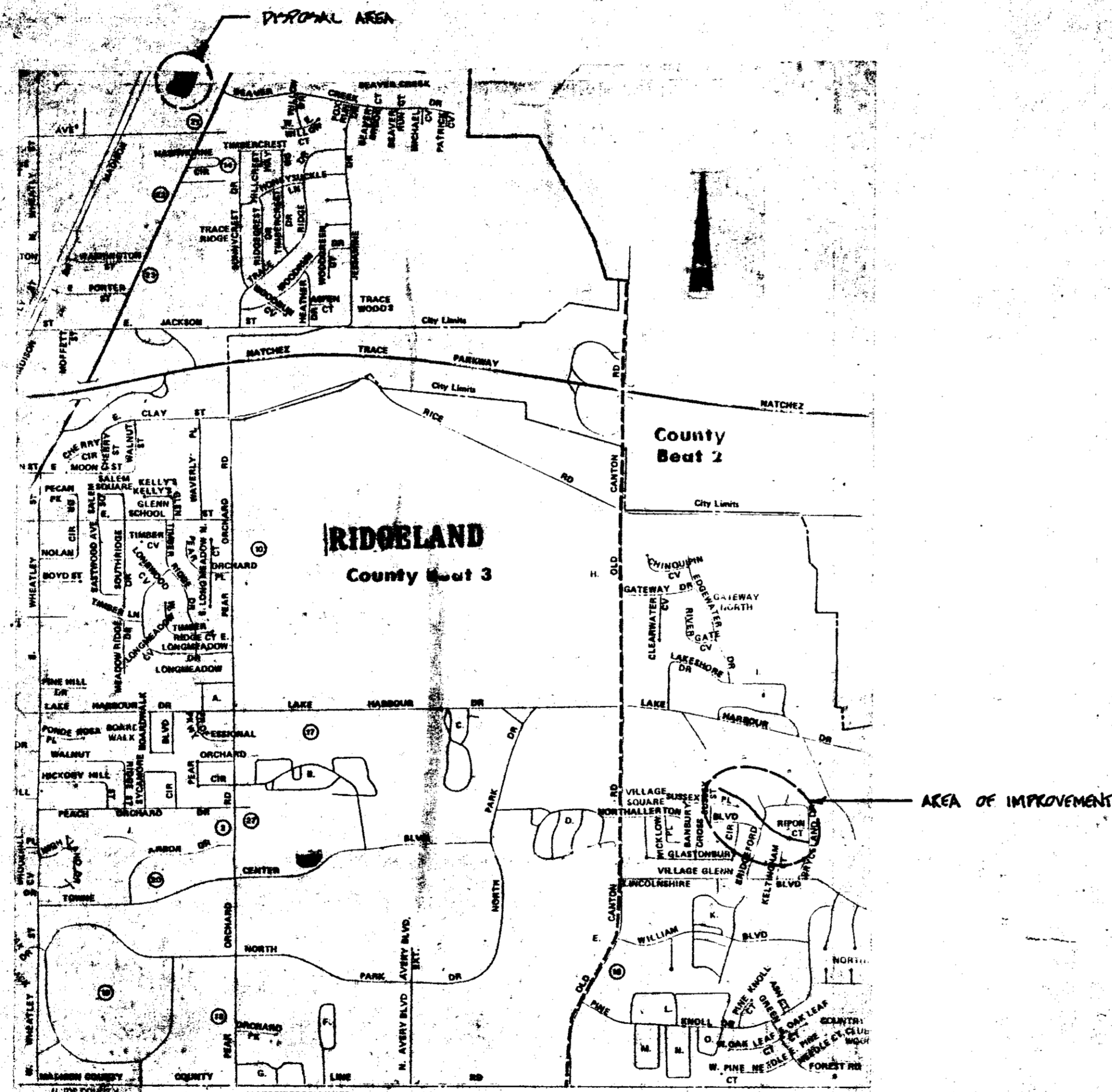
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REVISION BLOCK					
#	INITIALS	DATE	#	INITIALS	DATE
Δ					

TRACERIDGE  
 CITY OF RIDGELAND  
 MADISON COUNTY, MISSISSIPPI  
 EMERGENCY WATERSHED PROTECTION  
 TYPICAL SECTIONS

U. S. DEPARTMENT OF AGRICULTURE  
 SOIL CONSERVATION SERVICE

Designed: R.C. NEM	Date: 07/27	Approved by: _____
Drawn: NEM	Date: 07/25	Title: _____
Traced: _____	Sheet No: 7	Drawing No: _____
Checked: R.C.	Date: 07/27	of 7



ITEM	CONTRACT ESTIMATE		QUANTITIES		FINAL PAY	
	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT PRICE
CEMENT AND REBAR						
STRUCTURE REMOVAL						
EXCAVATION						
BACKFILL						
CONCRETE PIPE, 18" DIA.						
CONCRETE PIPE, 24" DIA.						
CONCRETE PIPE, 30" DIA.						
ROCK FILL						
GEOTEXTILE	472.01	S.Y.				
CONCRETE GROUT	451	S.Y.				

**Village Square**  
**EMERGENCY WATERSHED PROJECT**  
 CITY OF RIDGELAND  
 MADISON COUNTY, MISSISSIPPI  
 U. S. DEPARTMENT OF AGRICULTURE  
 SOIL CONSERVATION SERVICE

INDEX OF DRAWINGS	
SHEET NO.	DESCRIPTION
1	LOCATION MAP
2-5	PLAN AND PROFILE
6	TYPICAL SECTIONS AND DETAILS

*Robert Ross* 5/12/82  
 PUBLIC WORKS DIRECTOR DATE  
  
*[Signature]* 5/11/82  
 CITY ENGINEER DATE

Location Map

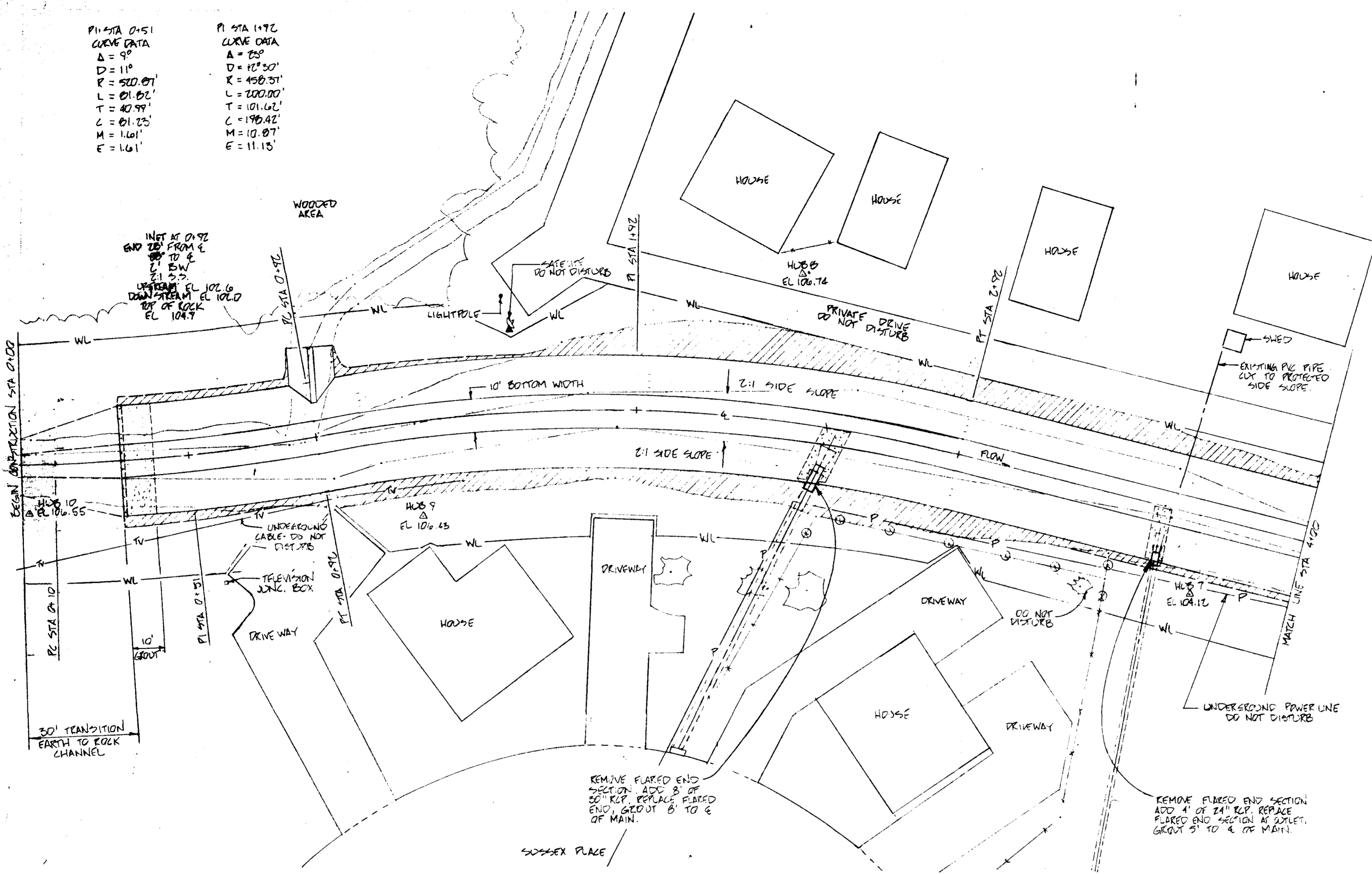
**U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE**

Designed: Brandon EWP Staff	Date: 5-82	Approved by: <i>[Signature]</i>	Date: 5/11/82
Drawn: Brandon EWP Staff	Date: 5-82	Title: _____	_____
Traced: _____	Date: _____	Scale: _____	_____
Checked: <i>[Signature]</i>	Date: 5-82	Sheet: _____	of _____

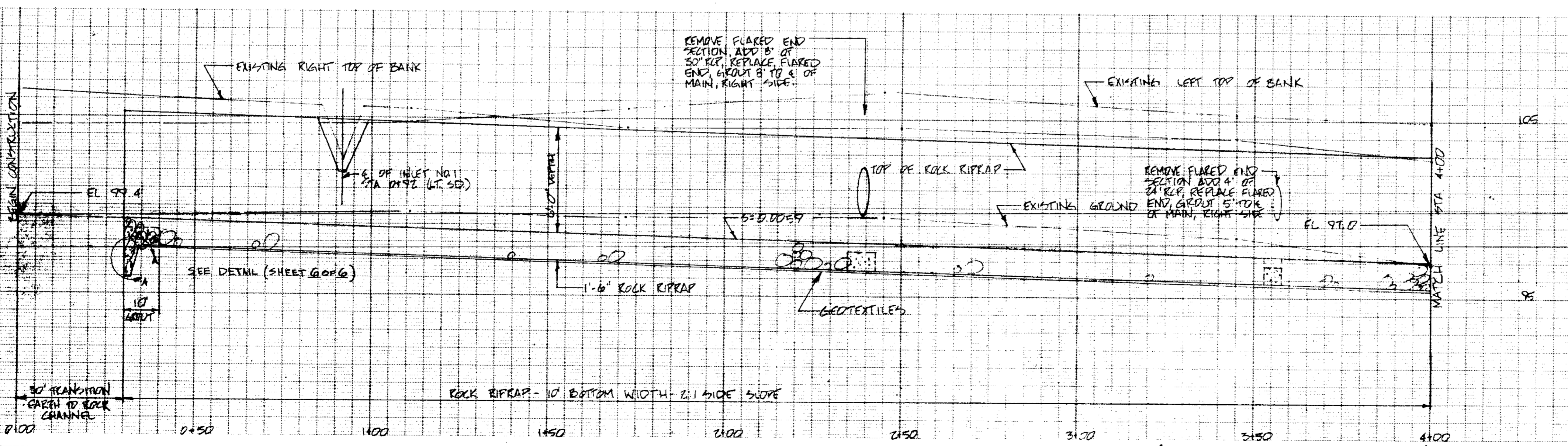
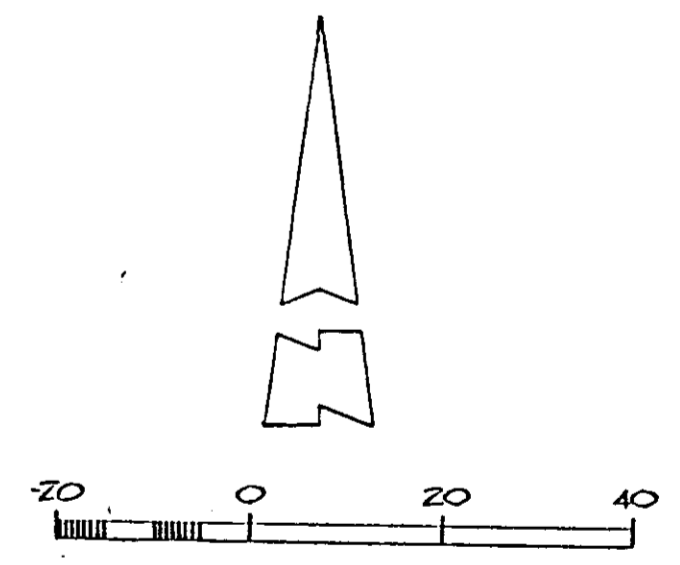


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 D = 11°  
 R = 500.07'  
 L = 01.02'  
 T = 40.99'  
 C = 01.23'  
 M = 1.61'  
 E = 1.61'

P1 STA 1+92  
 CURVE DATA  
 Δ = 75°  
 D = 12° 30'  
 R = 450.31'  
 L = 200.00'  
 T = 101.62'  
 C = 190.42'  
 M = 10.07'  
 E = 11.15'



- LEGEND**
- △ TRANSIT STATION
  - PLOTTED POINT
  - SEWER LINE W/ MANHOLE
  - T— TELEPHONE LINE W/ JUNCTION BOX & POLE
  - P— POWER LINE W/ POLE
  - W— WATER LINE W/ METER
  - G— GAS LINE W/ METER
  - X— EXISTING FENCE LINE
  - Existing TOE
  - Existing TOP OF BANK
  - APPROX. LIMIT OF CUT
  - APPROX. LIMIT OF WORK
  - Earth FILL
  - CONCRETE GROUT
  - EROSION CONTROL BLANKET
  - FENCE TO BE REMOVED



**VILLAGE SQUARE**  
 CITY OF RIDGE AND  
 MADISON COUNTY, MISSISSIPPI  
 EMERGENCY WATERSHED PROJECT  
 PLAN AND PROFILE

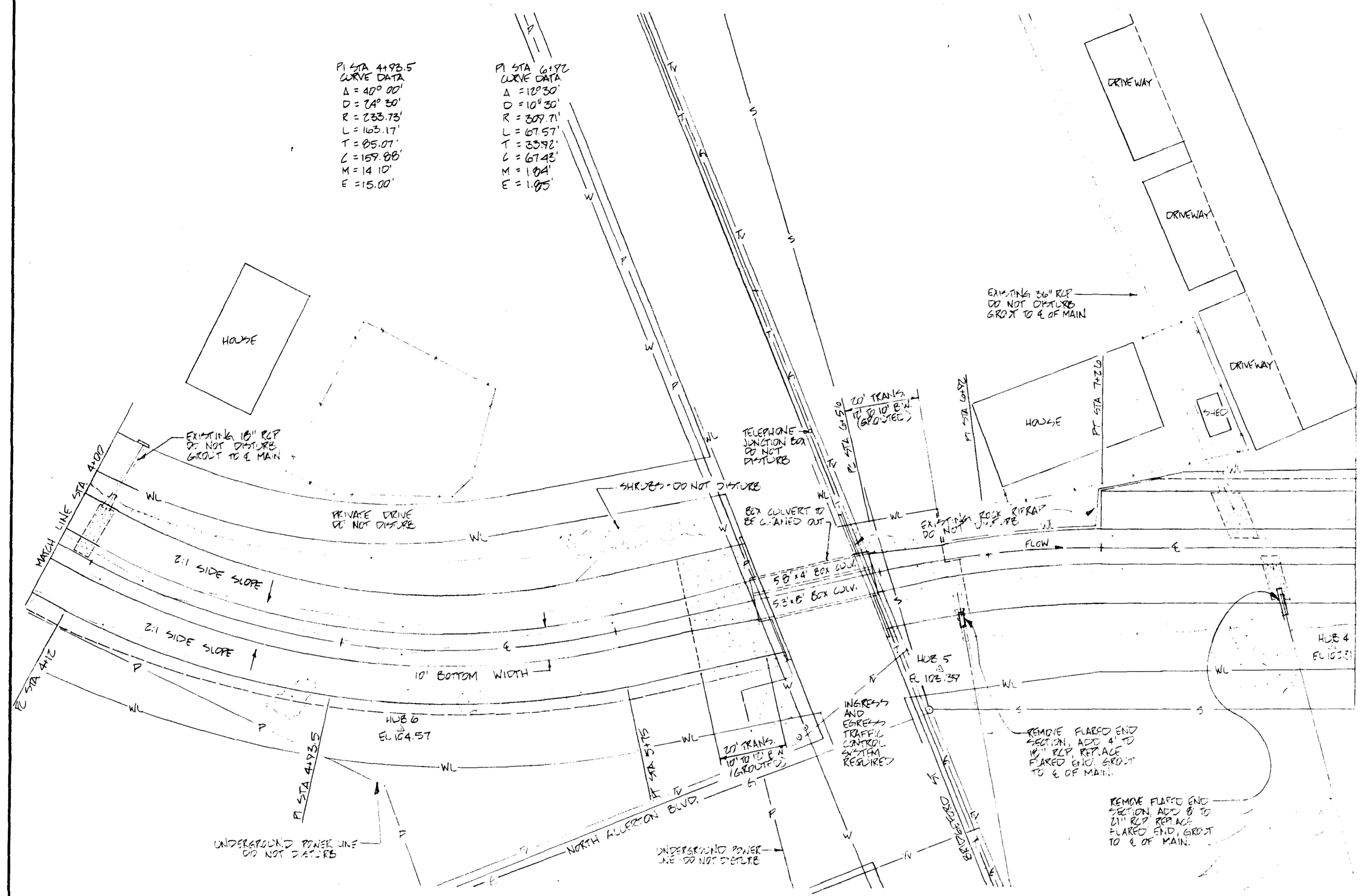
**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed <u>RRK</u> / <u>NEM</u>	Date <u>3-09</u>	Approved by _____
Drawn <u>NEM</u>	Date <u>3-09</u>	Title _____
Traced _____		Title _____
Checked <u>RRK</u>	Date <u>7-20</u>	Sheet <u>2</u> of <u>6</u>

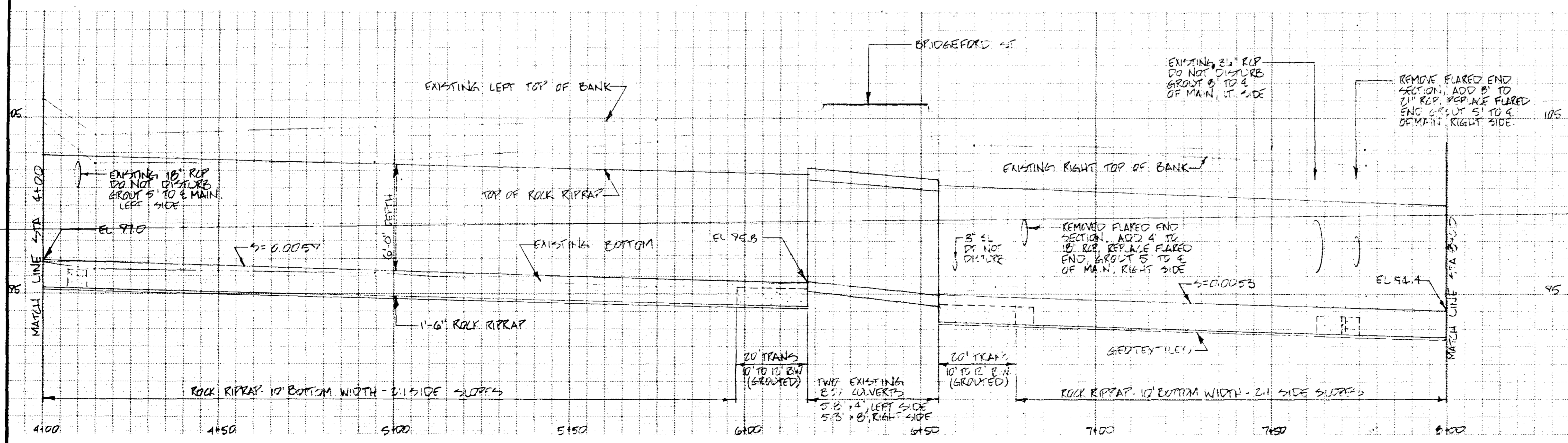
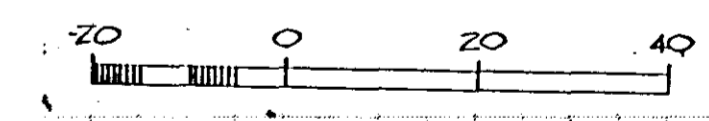
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 No. 2 of 6

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 D = 24° 30'  
 R = 233.73'  
 L = 163.17'  
 T = 85.07'  
 C = 159.86'  
 M = 14.10'  
 E = 15.00'

P1 STA 6+92  
 CURVE DATA  
 Δ = 12° 30'  
 D = 10° 30'  
 R = 309.71'  
 L = 67.57'  
 T = 33.92'  
 C = 67.43'  
 M = 1.84'  
 E = 1.85'



- LEGEND**
- △ TRANSIT STATION PLOTTED POINT
  - SEWER LINE W/ MANHOLE
  - T— TELEPHONE LINE W/ JUNCTION BOX & POLE
  - P— POWER LINE W/ POLE
  - W— WATER LINE W/ METEK
  - G— GAS LINE W/ METEK
  - X—X— EXISTING FENCE LINE
  - — — EXISTING TOE
  - — — EXISTING TOP OF BANK
  - — — APPROX. LIMIT OF CUT
  - — — APPROX. LIMIT OF WORK
  - ||||| EARTH FILL
  - — — CONCRETE GROUT
  - — — EROSION CONTROL BLANKET
  - ⊗ ⊗ ⊗ FENCE TO BE REMOVED

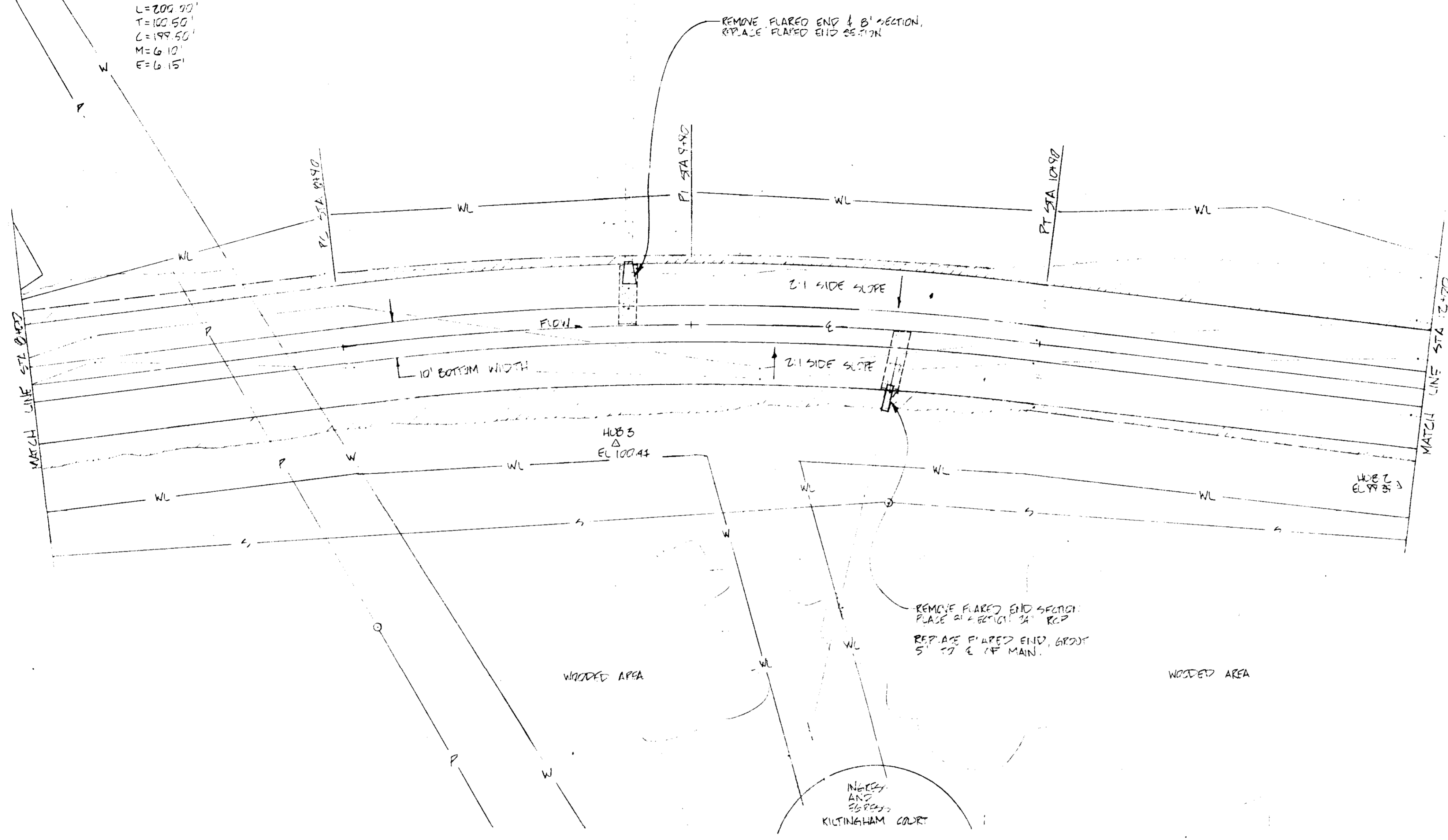


VILLAGE SQUARE  
 CITY OF RIDGE AND  
 MADISON COUNTY, MISSISSIPPI  
 EMERGENCY WATERSHED PROJECT  
 PLAN AND PROFILE

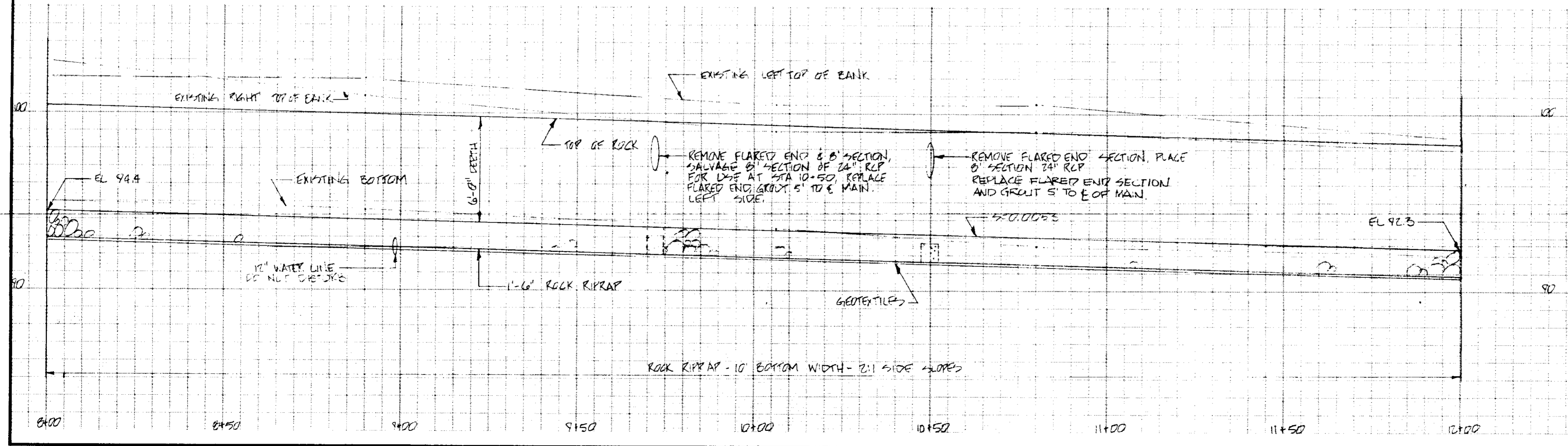
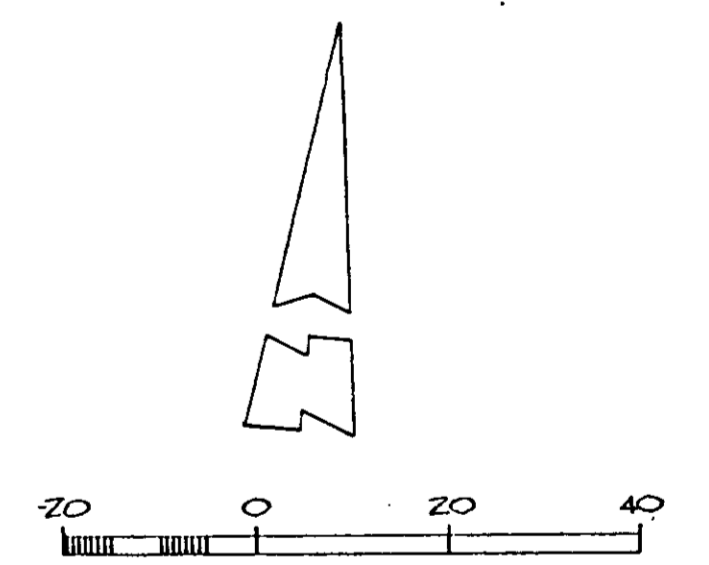
**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed, SRC, NEM	Date 5-87	Approved by
Drawn, NEM	5-87	Title
Traced		Sheet No. 3 of 6
Checked, RLL	1-88	Drawing No.

P1 STA 9+90  
 CURVE DATA  
 Δ=14° 00'  
 D=70' 00"  
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 L=200.00'  
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 C=199.50'  
 M=6' 10"  
 E=6' 15"



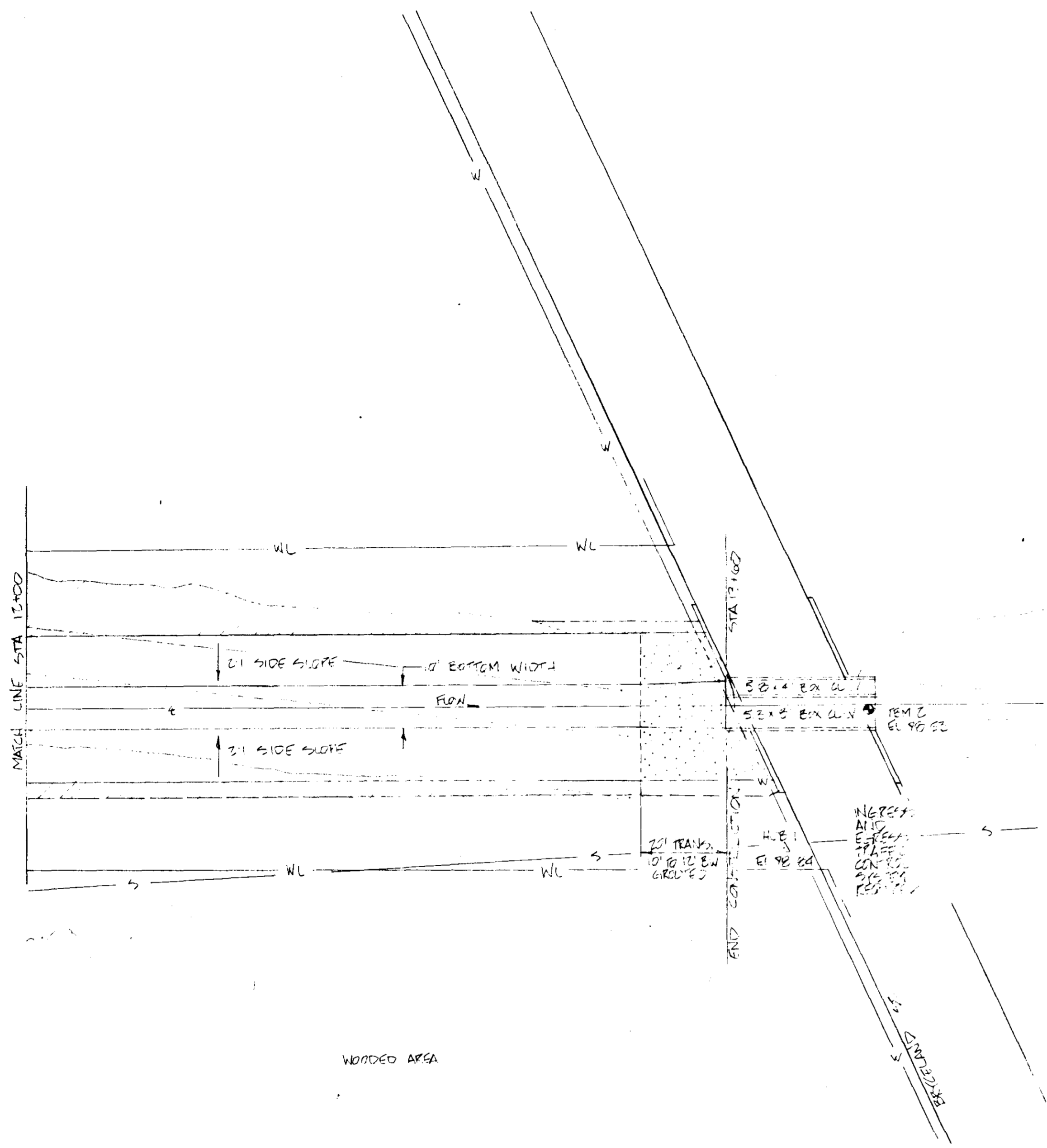
- LEGEND**
- △ TRANSIT STATION
  - PLOTTED POINT
  - SEWER LINE W/ MANHOLE
  - T— TELEPHONE LINE W/ JUNCTION BOX & POLE
  - P— POWER LINE W/ POLE
  - W— WATER LINE W/ METER
  - G— GAS LINE W/ METER
  - X—X— EXISTING FENCE LINE
  - — — EXISTING TOE
  - — — EXISTING TOP OF BANK
  - — — APPROX. LIMIT OF CUT
  - — — APPROX. LIMIT OF WORK
  - /// EARTH FILL
  - CONCRETE GROUT
  - ==== EROSION CONTROL BLANKET



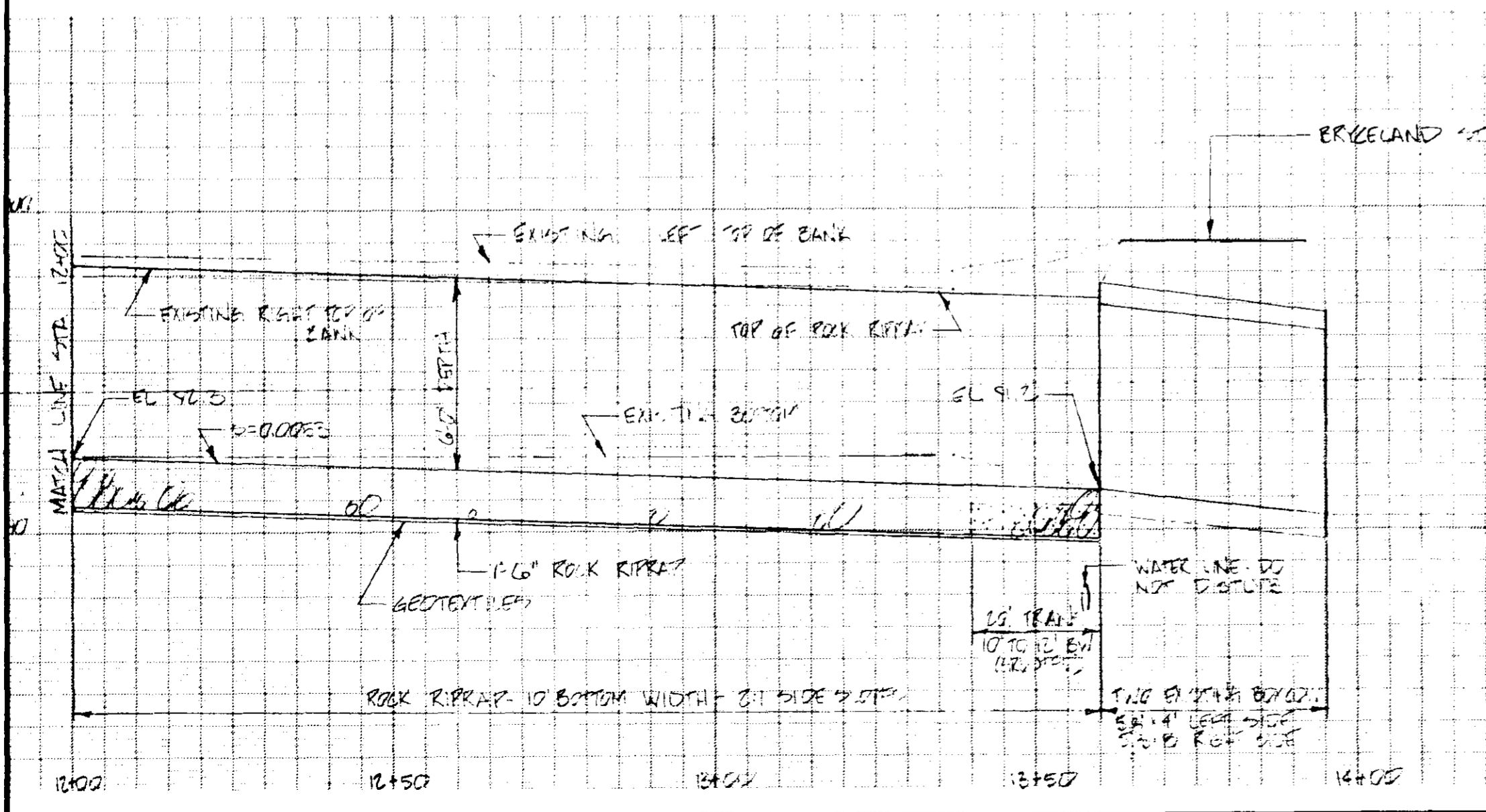
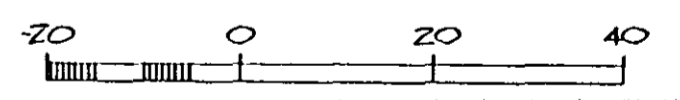
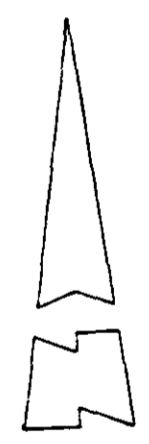
VILLAGE SP. LINE  
 CITY OF RIDGELAND  
 MADISON COUNTY, MISSISSIPPI  
 EMERGENCY WATERWAY PROJECT  
 PLAN AND PROFILE

**U. S. DEPARTMENT OF AGRICULTURE  
 SOIL CONSERVATION SERVICE**

Designed: RCL, NEV	Date: 3-25	Approved by: _____
Drawn: NEM	Date: 3-25	Title: _____
Traced: _____		Title: _____
Checked: RCL	Date: 1-27	Sheet No. 4 of 6
		Drawing No. _____



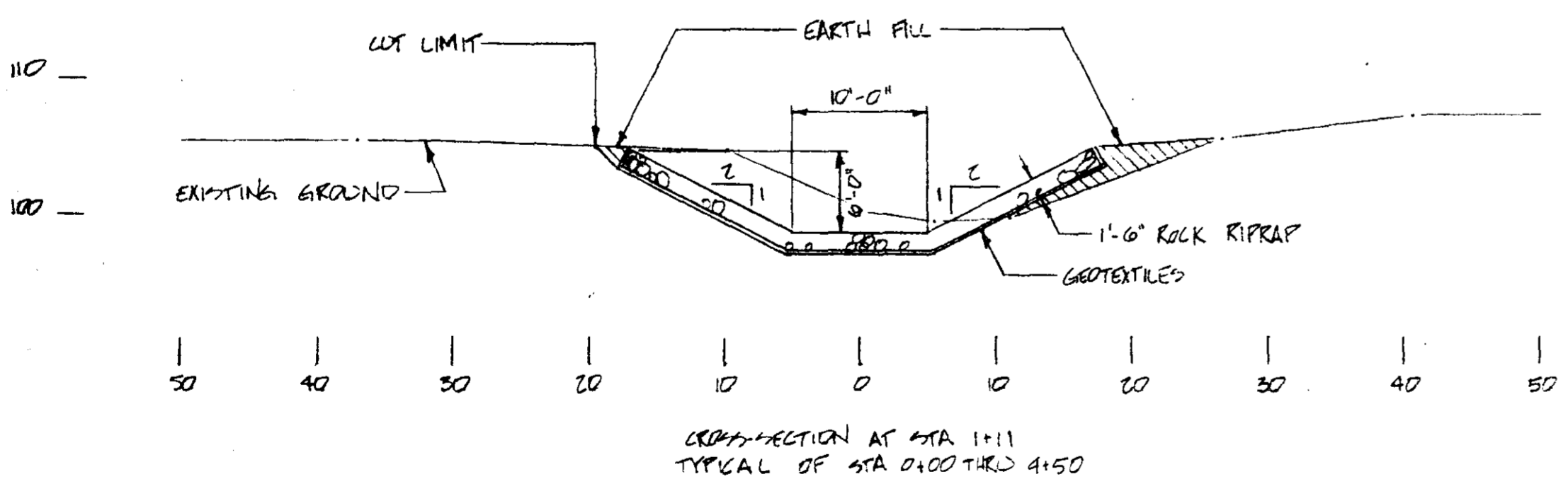
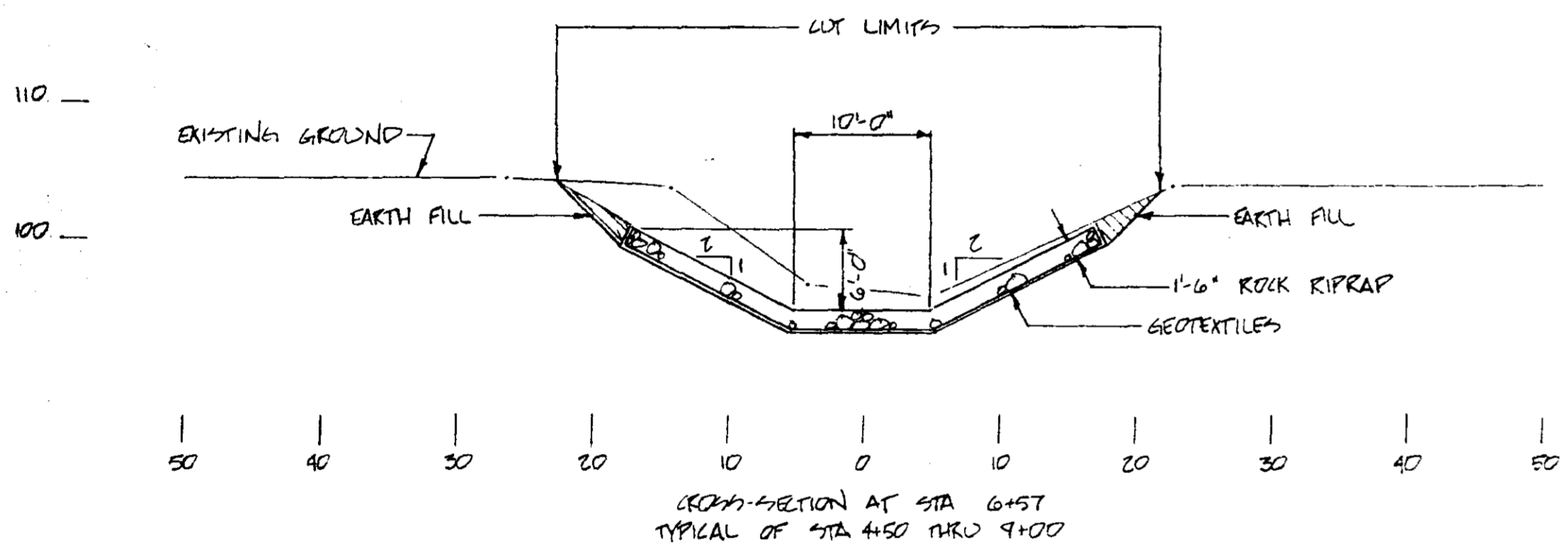
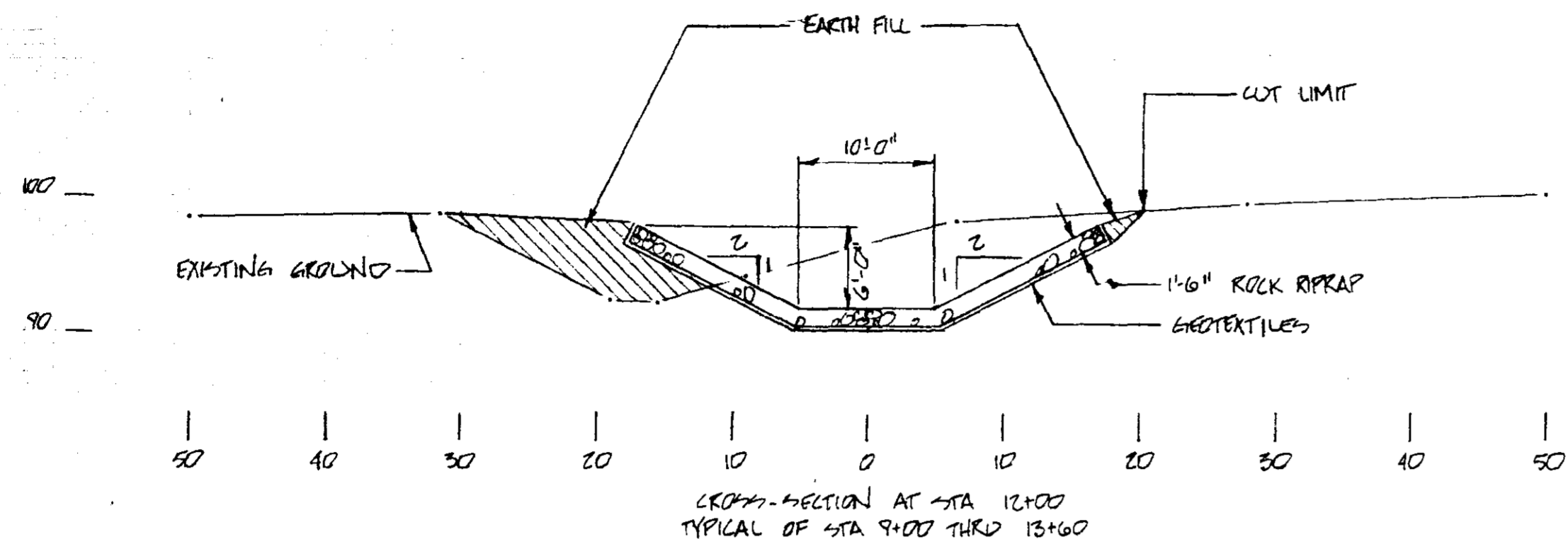
- LEGEND**
- △ TRANSIT STATION
  - PLOTTED POINT
  - SEWER LINE W/ MANHOLE
  - TELEPHONE LINE W/ JUNCTION BOX & POLE
  - POWER LINE W/ POLE
  - WATER LINE W/ METER
  - GAS LINE W/ METER
  - \*—\*— EXISTING FENCE LINE
  - — — EXISTING TOE
  - — — EXISTING TOP OF BANK
  - — — APPROX. LIMIT OF CUT
  - — — APPROX. LIMIT OF WORK
  - ////// EARTH FILL
  - ||||| CONCRETE GROUT
  - ==== EROSION CONTROL BLANKET



VILLAGE SEWERAGE  
CITY OF RICHMOND  
MADISON COUNTY, MISSISSIPPI  
EMERGENCY ACTION PLAN  
PART 1 OF 5

**U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE**

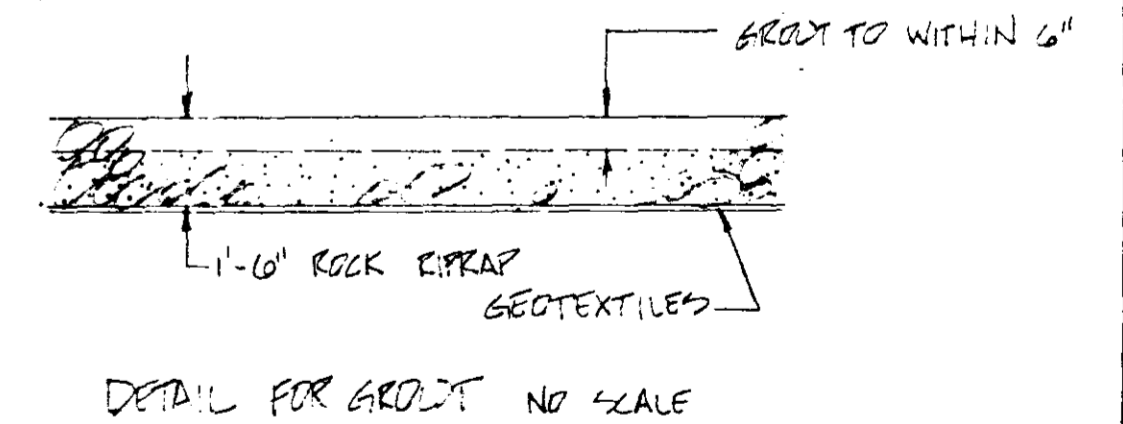
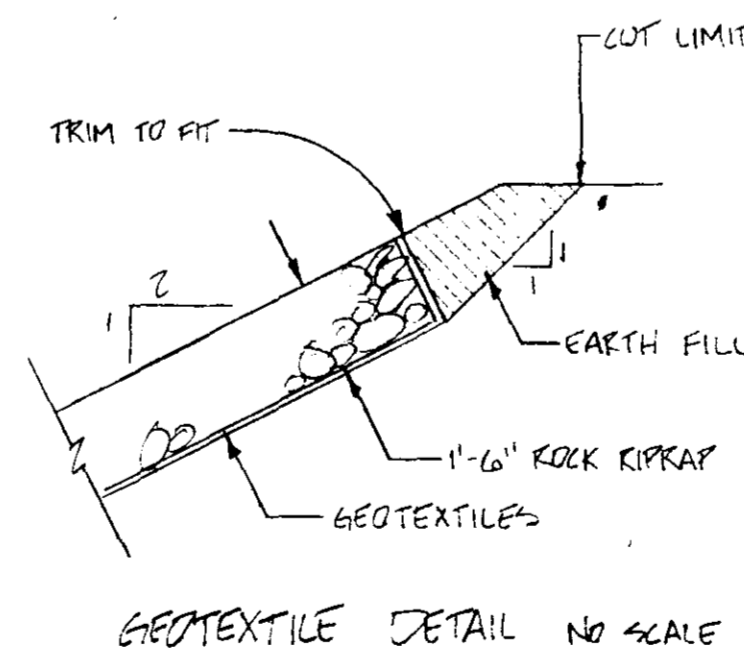
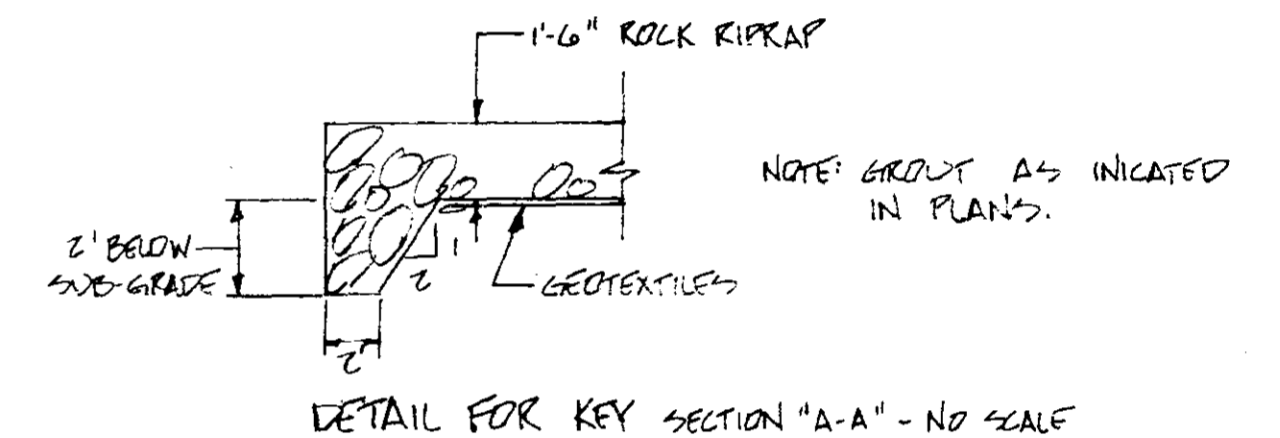
Designed: RRL, NEM	Date: 2-22	Approved by:
Drawn: NEM	Date: 2-22	Title:
Traced:		Title:
Checked: RRL	Date: 1-22	Sheet No. 5 of 6
		Drawing No.



NOTE: ANY EXCAVATION ABOVE TOP OF ROCK RIPRAP SHALL BE CUT A 1:1 SLOPE.

GRADATION FOR ROCK RIPRAP #95 (4400 TONS)	
STONE WEIGHT (POUNDS)	CUMULATIVE % LIGHTER BY WEIGHT
90	100
40	50-100
20	15-50
5	0-15

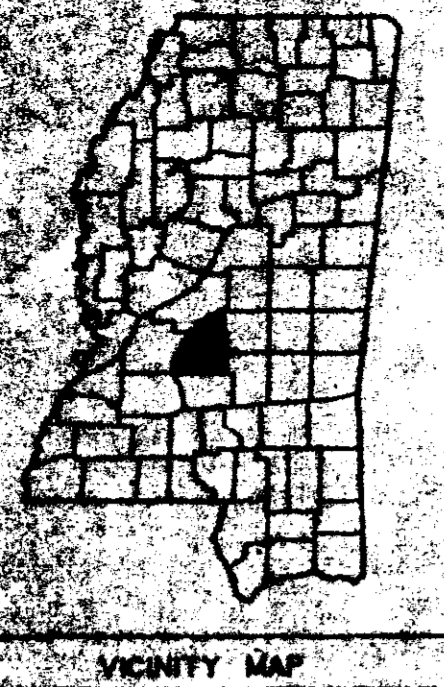
SPALLS AND ROCK CUT THAT WILL PASS A 3" SIEVE SHALL CONSIST OF LESS THAN 5% BY WEIGHT.



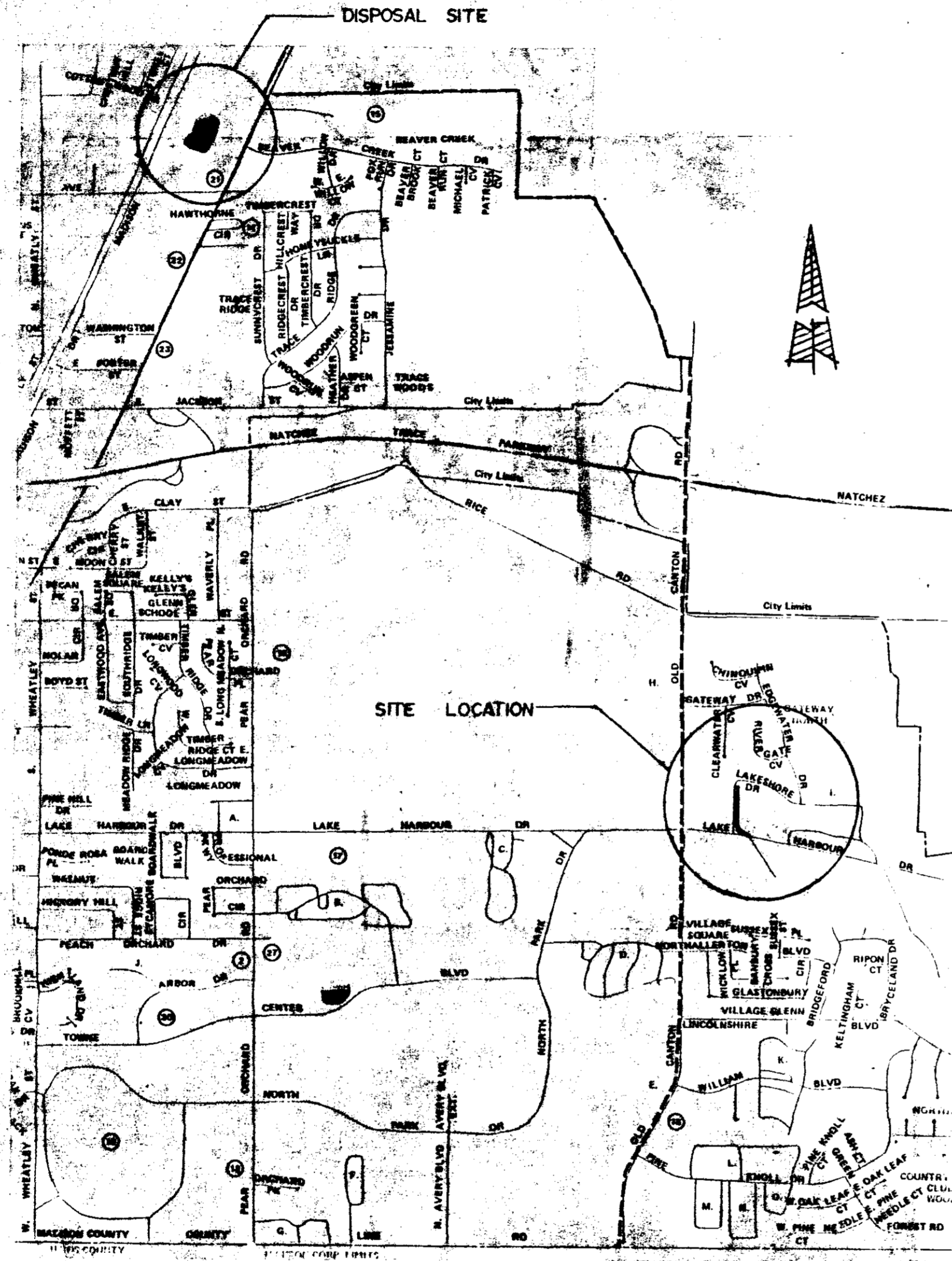
VILLAGE SQUARE  
CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI  
EMERGENCY WATERSHED PROJECT  
TYPICAL SECTIONS AND DETAILS

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

Designed: RRC, NEM	Date: 5-07	Approved by:
Drawn: NEM	Date: 5-07	Title:
Traced:		Title:
Checked: RRC	Date: 1-00	Sheet No. 6 of 10



VICINITY MAP



ITEM	QUANTITIES			
	CONTRACT ESTIMATE AMOUNT	UNIT	AMOUNT	FINAL PLY UNIT PRICE
STRUCTURE REMOVAL				
VEGETATION				
EXCAVATION				
EARTH FILL				
ROCK REFRAP				
CEMENTING				
CONCRETE				

3.5.- Lump Sum

# LAKE HARBOUR DRIVE EMERGENCY WATERSHED PROJECT

CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI  
U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

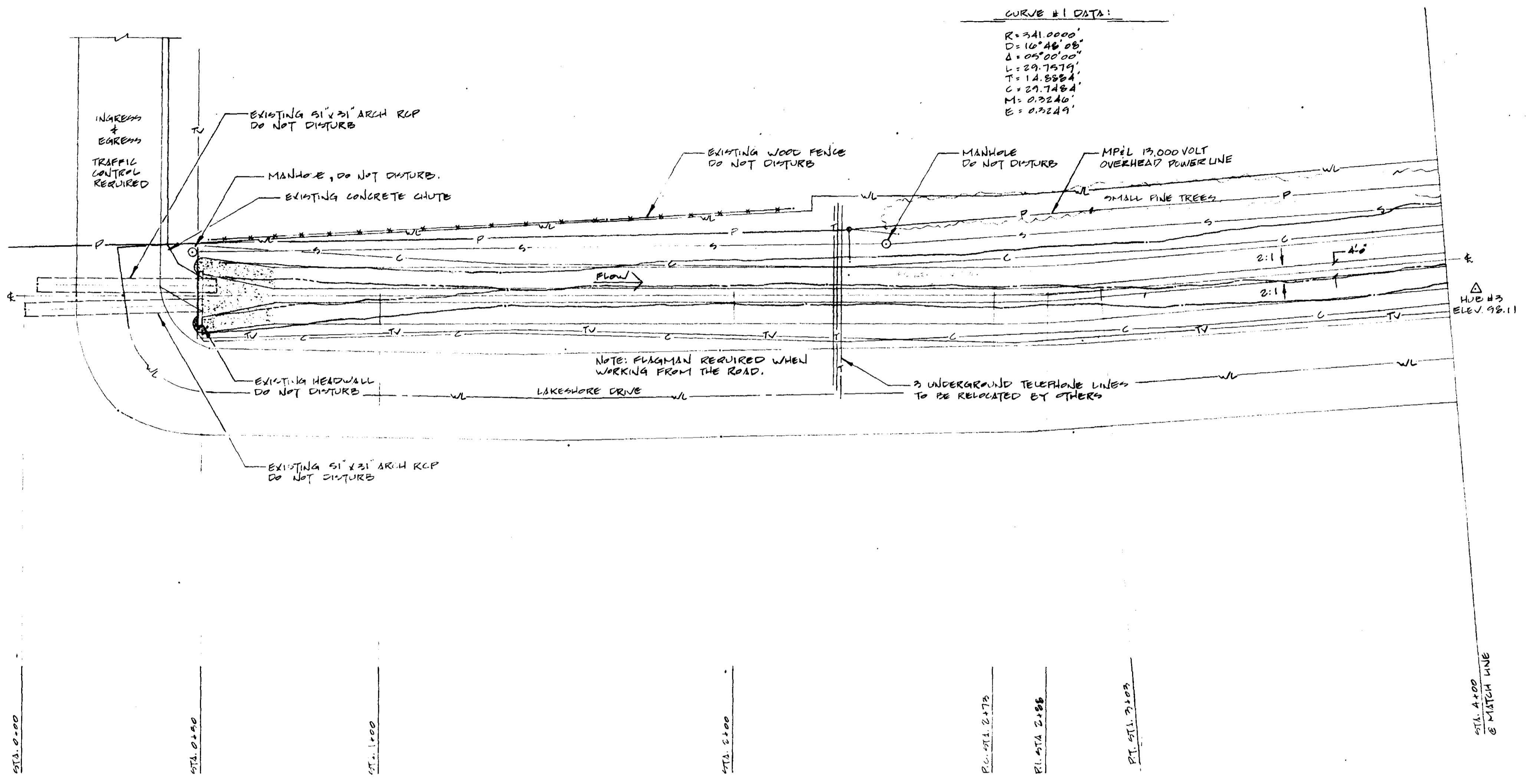
INDEX OF DRAWINGS	
SHEET NO.	DESCRIPTION
1	LOCATION MAP
2,3	PLAN - PROFILE
4	TYPICAL SECTIONS, DETAILS

*Arance Paul* 5/2/89  
PUBLIC WORKS DIRECTOR DATE  
*[Signature]* 5/1/89  
CITY ENGINEER DATE

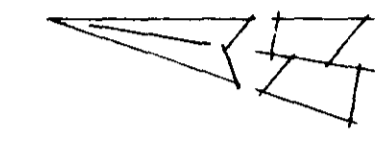
Location Map

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

Date	3-89	Approved by	<i>[Signature]</i>
Designed	KSP, REC	Title	STATE CONSERVATION ENGINEER, MS
Drawn	D.I.W.	Date	5/2/89
Traced		Sheet	No 1
Checked	RRC	Drawing No.	of 4

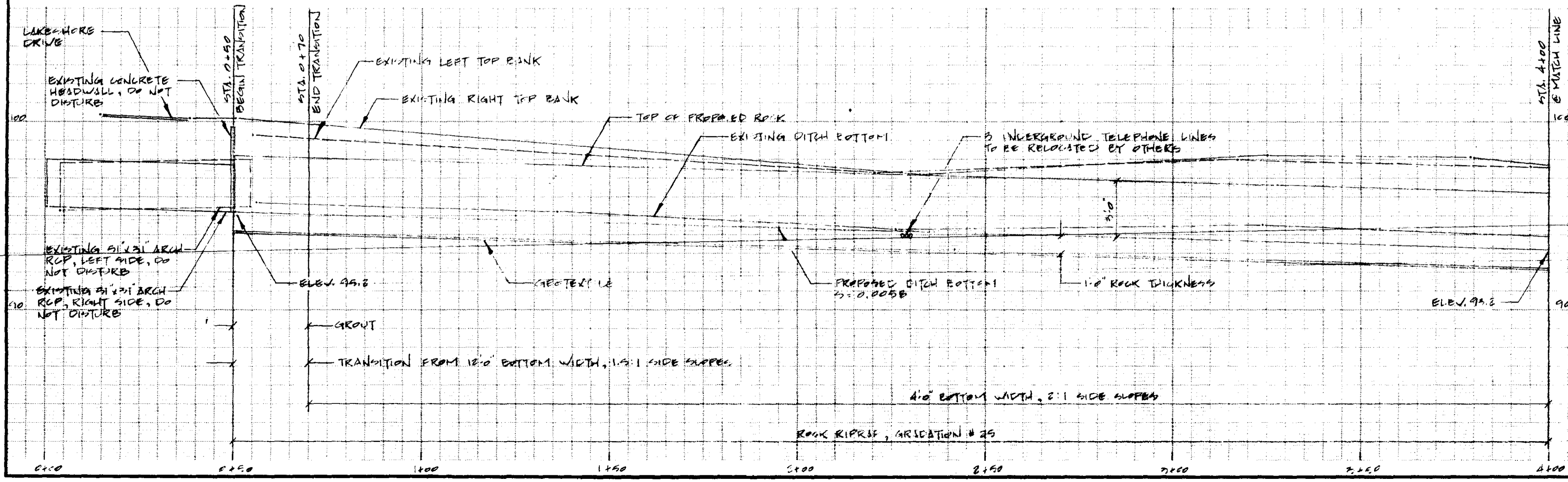
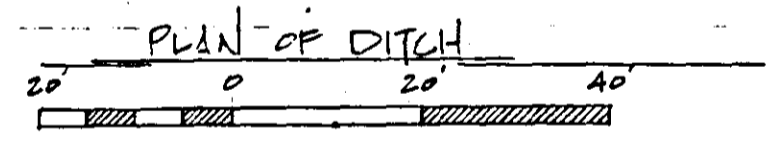


**CURVE #1 DATA:**  
 R=341.0000'  
 D=10°48'08"  
 Δ=05°00'00"  
 L=29.7579'  
 T=14.8884'  
 C=29.7484'  
 M=0.3240'  
 E=0.3249'



**LEGEND**

△	TRANSIT STATION
○	PLOTTED POINT
—○—	SEWER LINE w/ MANHOLE
—○—	TELEPHONE LINE w/ JUNCTION BOX + POLE
—○—	WATER LINE w/ METER
—○—	GAS LINE
—○—	EXISTING FENCE
—○—	EXISTING TREE
—○—	APPROX. LIMIT OF CUT
—○—	APPROX. WORK AREA LIMITS
—○—	POWER LINE w/ POLE
—○—	CONCRETE GROUT
—○—	EARTH FILL
—○—	FENCE TO BE REMOVED
—○—	TELEVISION CABLE LINE



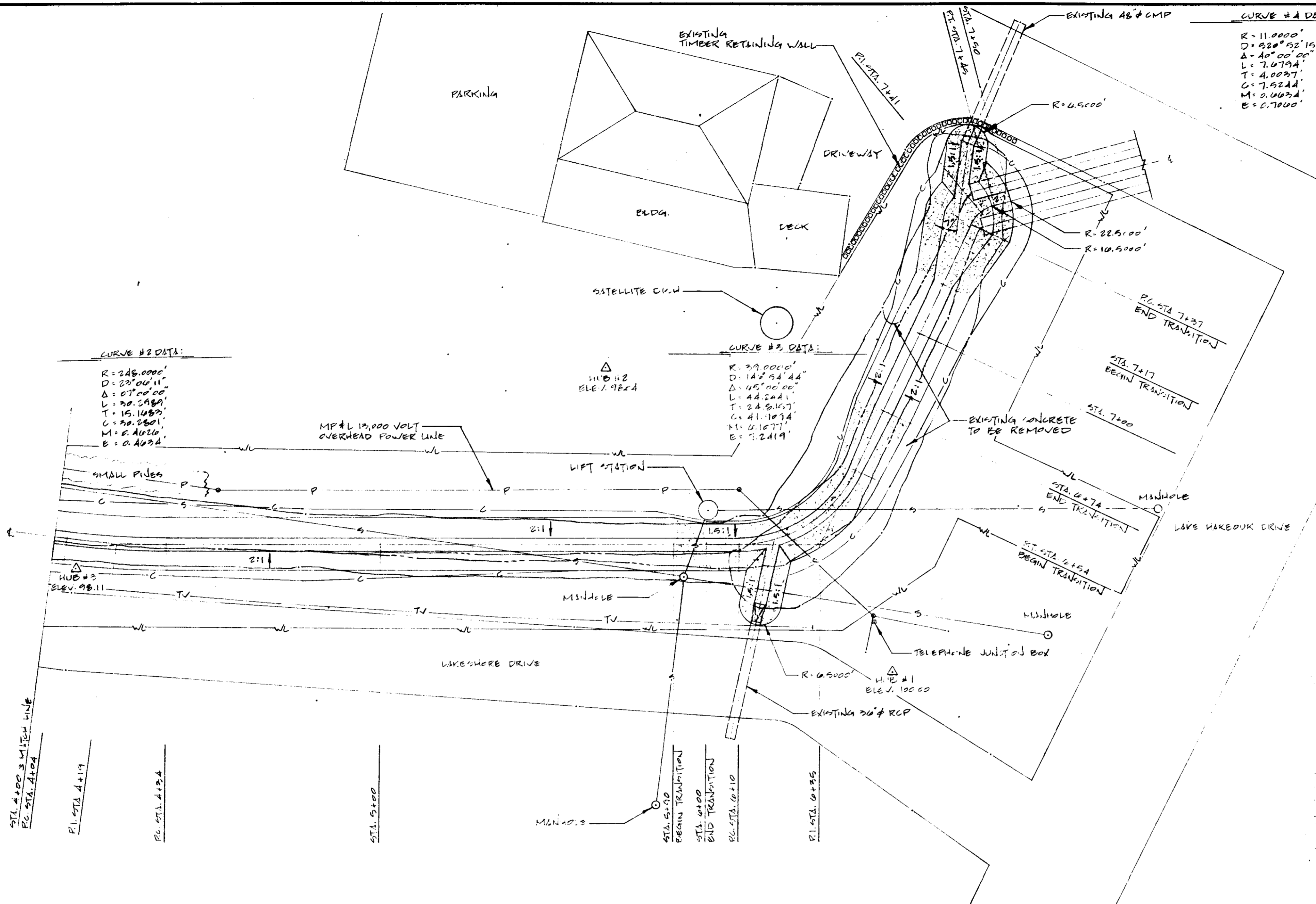
**PROFILE OF DITCH**  
 SCALE: 1" = 10'

REVISION	DATE	INITIALS

**LAKE HARBOUR DRIVE  
 EMERGENCY WATERED PROJECT  
 CITY OF RIDGELAND  
 MADISON COUNTY, MS  
 PLAN - PROFILE**

**U. S. DEPARTMENT OF AGRICULTURE  
 SOIL CONSERVATION SERVICE**

Designed: K.P. RRC	Date: 03-89	Approved by:	
Drawn: K.P.F.	Date: 03-89	Title:	
Traced:		Sheet:	No. 2 of 4
Checked: RRC	Date: 03-89	Drawing No.:	

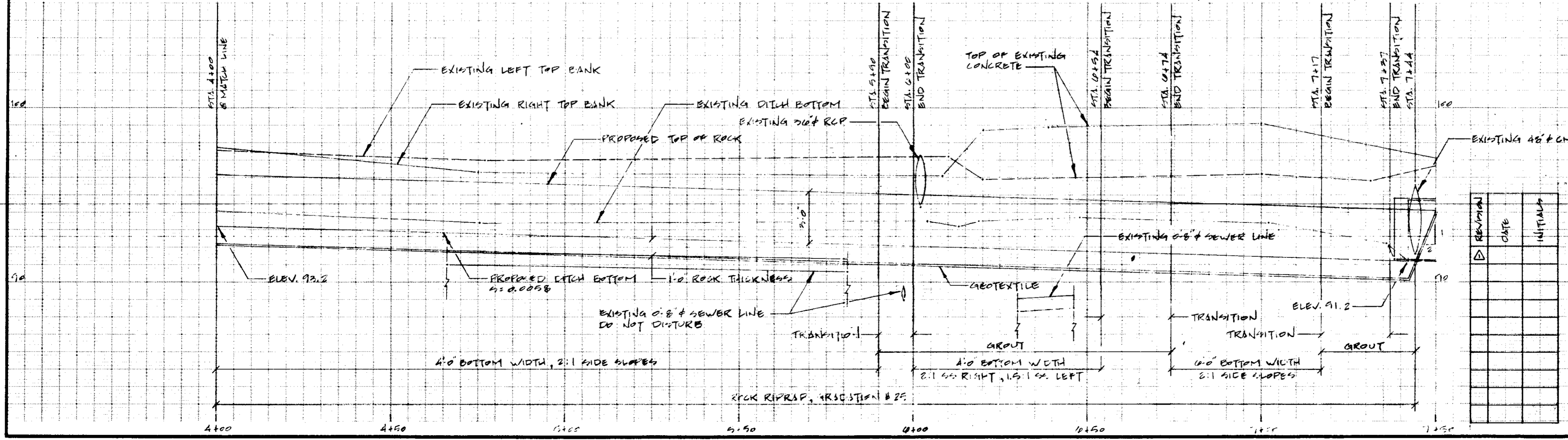
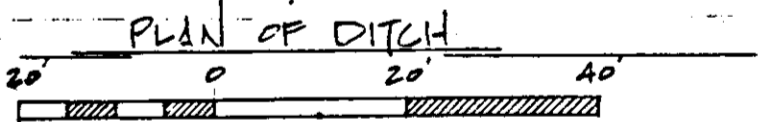


**CURVE #2 DATA:**  
 R = 248.000'  
 D = 23° 00' 11"  
 Δ = 07° 00' 00"  
 L = 30.5480'  
 T = 15.1482'  
 C = 30.2601'  
 M = 0.4026'  
 E = 0.4026'

**CURVE #3 DATA:**  
 R = 29.000'  
 D = 14° 54' 44"  
 Δ = 45° 00' 00"  
 L = 44.2441'  
 T = 24.8157'  
 C = 41.1073'  
 M = 0.1677'  
 E = 7.2419'

**CURVE #4 DATA:**  
 R = 11.000'  
 D = 83° 02' 15"  
 Δ = 40° 00' 00"  
 L = 7.6794'  
 T = 4.0037'  
 C = 7.5244'  
 M = 0.0037'  
 E = 0.7000'

- LEGEND**
- △ TRANSIT STATION
  - PLOTTED POINT
  - S — SEWER LINE w/ MANHOLE
  - T — TELEPHONE LINE w/ JUNCTION BOX & POLE
  - W — WATER LINE w/ JUNCTION BOX & METER
  - G — GAS LINE
  - \* — \* — EXISTING FENCE
  - — — — EXISTING TIE
  - C — APPROX. LIMIT OF CUT
  - P — APPROX. WORK AREA LIMITS
  - P — POWER LINE w/ POLE
  - ▨ CONCRETE GROUT
  - ▨ EARTH FILL



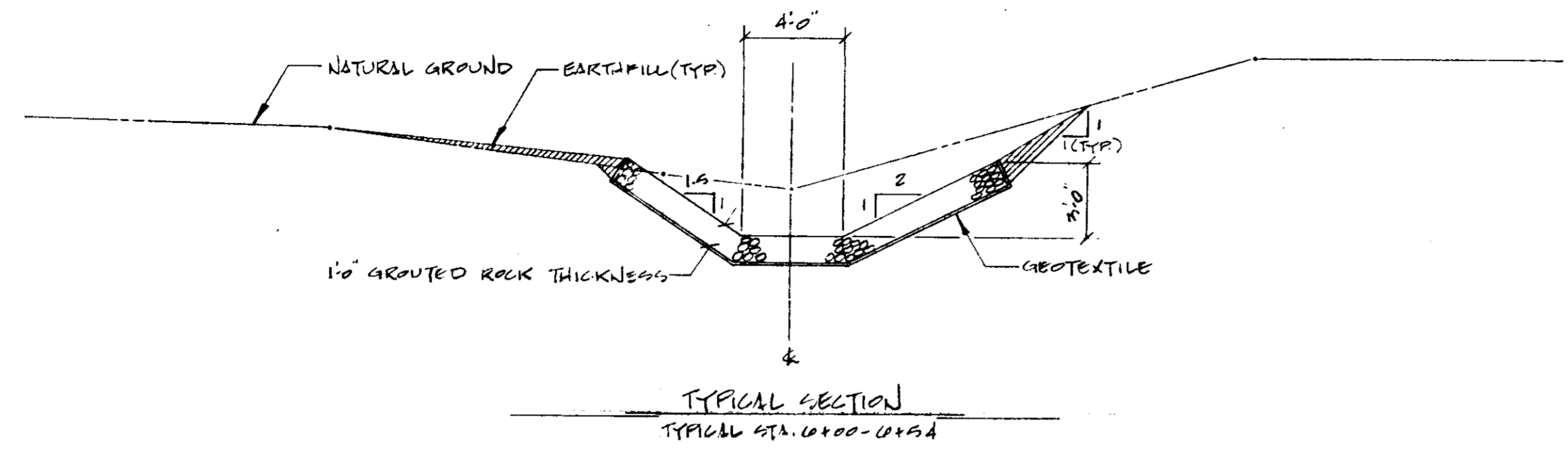
LAKE HARBOR DRIVE  
 EMERGENCY WATER-RED PROJECT  
 CITY OF FIDELITY  
 MISSISSIPPI COUNTY, MO.  
 PLAN PROFILE

**U. S. DEPARTMENT OF AGRICULTURE  
 SOIL CONSERVATION SERVICE**

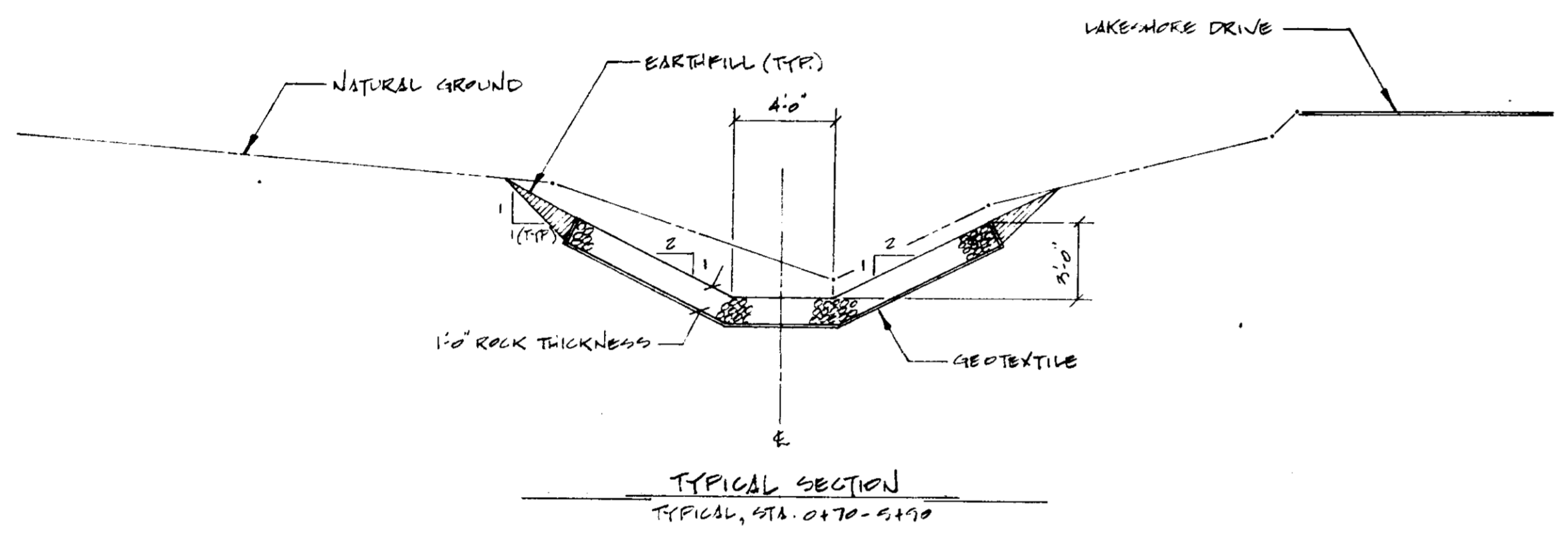
DESIGNED: KGP, RUC	DATE: 02.2.11	APPROVED BY:
DRAWN: KGP	DATE: 02.2.11	TITLE:
TRACED:	DATE:	TITLE:
CHECKED: RUC	DATE: 02.2.11	SHEET NO. 3
		DRAWING NO.



30 25 20 15 10 5 0 5 10 15 20 25 30



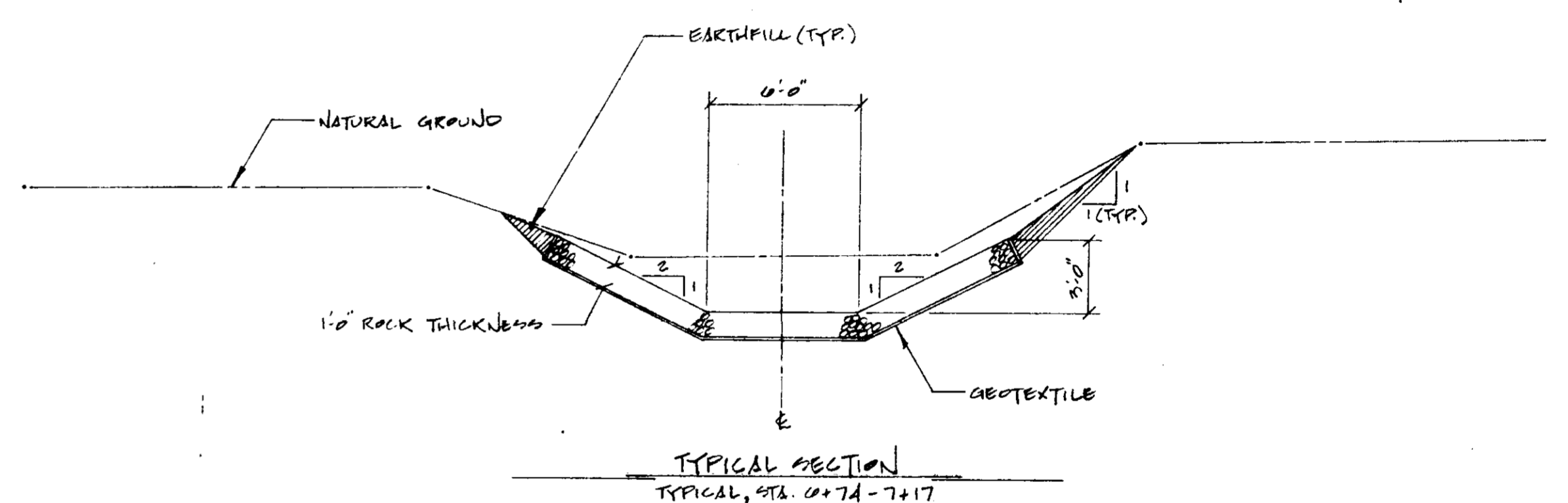
TYPICAL SECTION  
TYPICAL STA. 0+00-0+54



TYPICAL SECTION  
TYPICAL STA. 0+70-5+90

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30 25 20 15 10 5 0 5 10 15

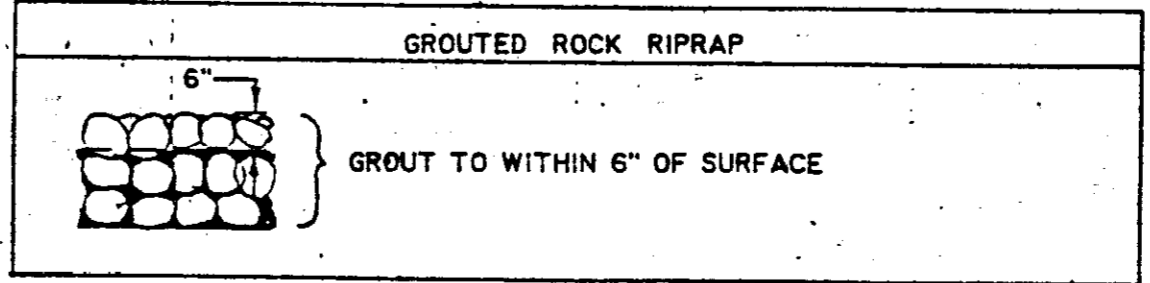


TYPICAL SECTION  
TYPICAL STA. 0+74-7+17

30 25 20 15 10 5 0 5 10 15 20 25 30

GRADATION FOR ROCK RIPRAP #25

STONE WEIGHT (LBS.)	CUMULATIVE % LIGHTER BY WEIGHT
25	100
10	80-100
5	15-50
2	0-15

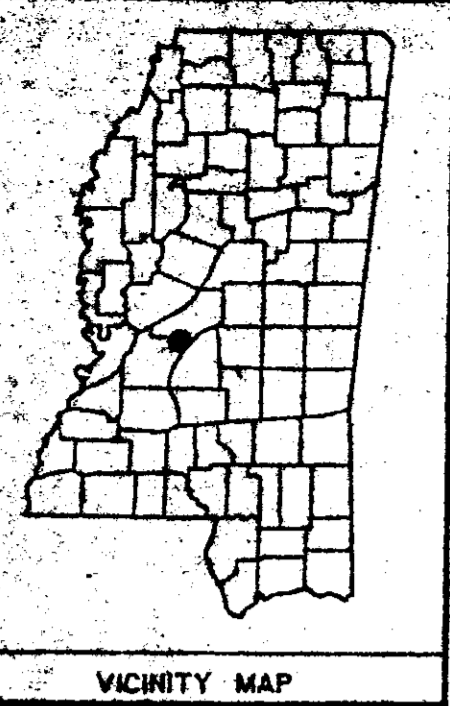


REVISION	DATE	INITIALS
1		
2		
3		
4		
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8		
9		
10		

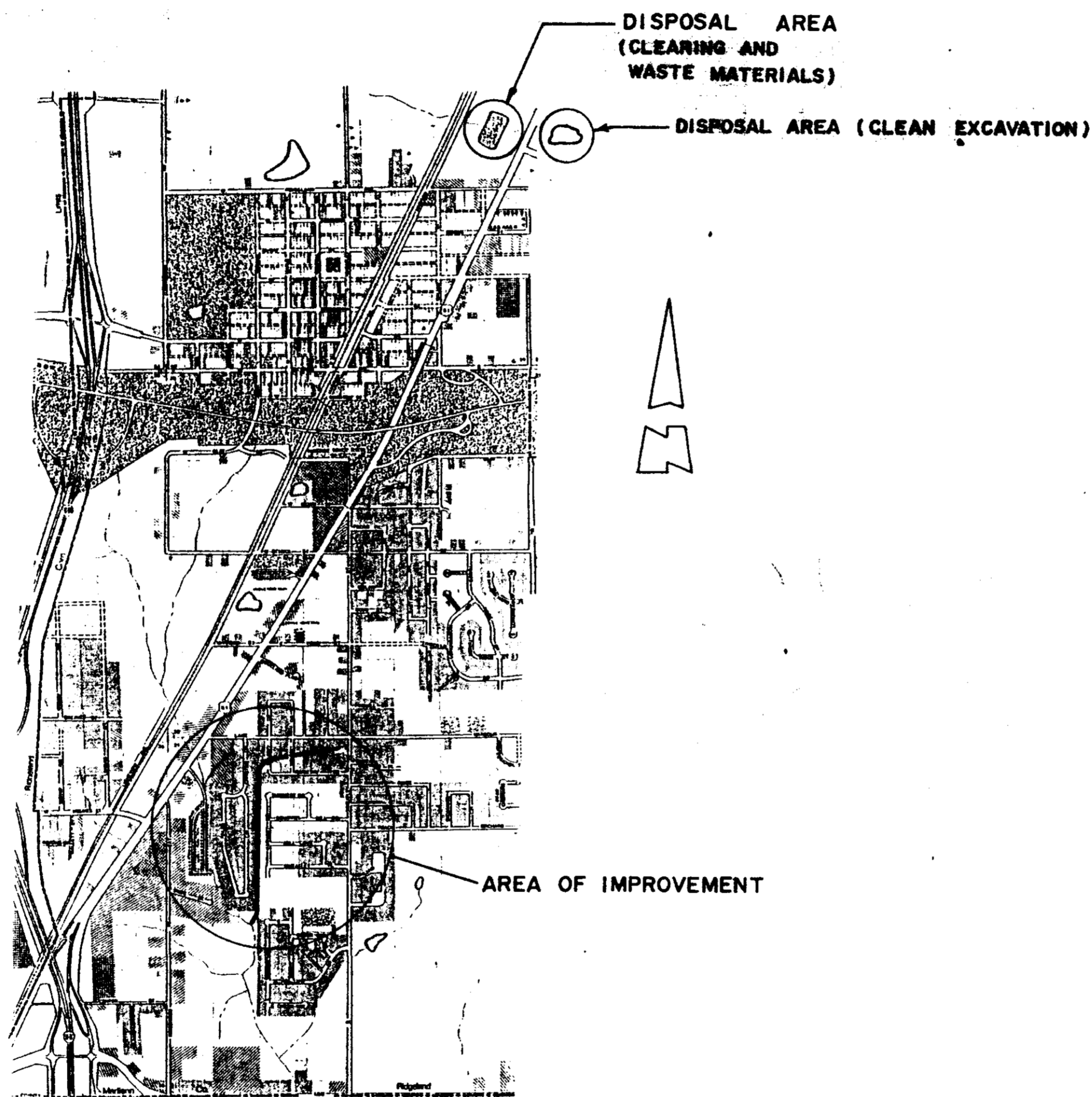
LAKE HARBOUR DRIVE  
EMERGENCY WATERSHED PROJECT  
CITY OF RIDGELAND  
MADISON COUNTY, MS.  
TYPICAL SECTIONS, DETAILS

**U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE**

Digned: KSP, RRC	Date: 03.06	Approved by: _____
Drawn: KSP	Date: 03.09	Title: _____
Traced: _____	Title: _____	Drawing No. _____
Checked: PFL	Date: 7.20	Sheet No. 4 of 4



VICINITY MAP



CITY OF RIDGELAND



ITEM	Contract Estimate	Unit	QUANTITIES		
			Amount	Final Pay	
				Amount	Unit Price
CLEARING AND GRUBBING	1	*L.S.			
STRUCTURE REMOVAL	1	*L.S.			
VEGETATION	2.6	AC.			
EXCAVATION	6636	C.Y.			
EARTHFILL	1629	C.Y.			
CLAY GRAVEL	86	C.Y.			
CONCRETE, CLASS 3000	99.5	C.Y.			
CONCRETE PIPE, 12" DIA.	4	L.F.			
CONCRETE PIPE, 18" DIA.	8	L.F.			
CONCRETE PIPE, 63" x 40" ARCH	40	L.F.			
CORRUGATED METAL PIPE, 18" DIA.	10	L.F.			
CORRUGATED METAL PIPE, 30" DIA.	5	L.F.			
CORRUGATED METAL PIPE, 28" x 20" ARCH	8	L.F.			
CORRUGATED METAL PIPE, 42" x 29" ARCH	5	L.F.			
ROCK RIPRAP, GRADATION NO. 50	1500	C.Y.			
ROCK RIPRAP, GRADATION NO. 200	7809	C.Y.			
GEOTEXTILE	10319	S.Y.			
CONCRETE GROUT	192	C.Y.			
			TOTAL		

\*L.S. - Lump Sum

# WOLCOTT CIRCLE EMERGENCY WATERSHED PROJECT

CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI  
U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

*Horace Ross*  
HORACE ROSS - PUBLIC WORKS DIRECTOR DATE *10/21/88*

*Joe Waggoner*  
JOE WAGGONER - CITY ENGINEER DATE *10/21/88*

INDEX OF DRAWINGS	
SHEET NO.	DESCRIPTION
1	LOCATION MAP
2-12	PLAN & PROFILE
13	TYPICAL CROSS SECTIONS
14	DETAILS

LOCATION MAP

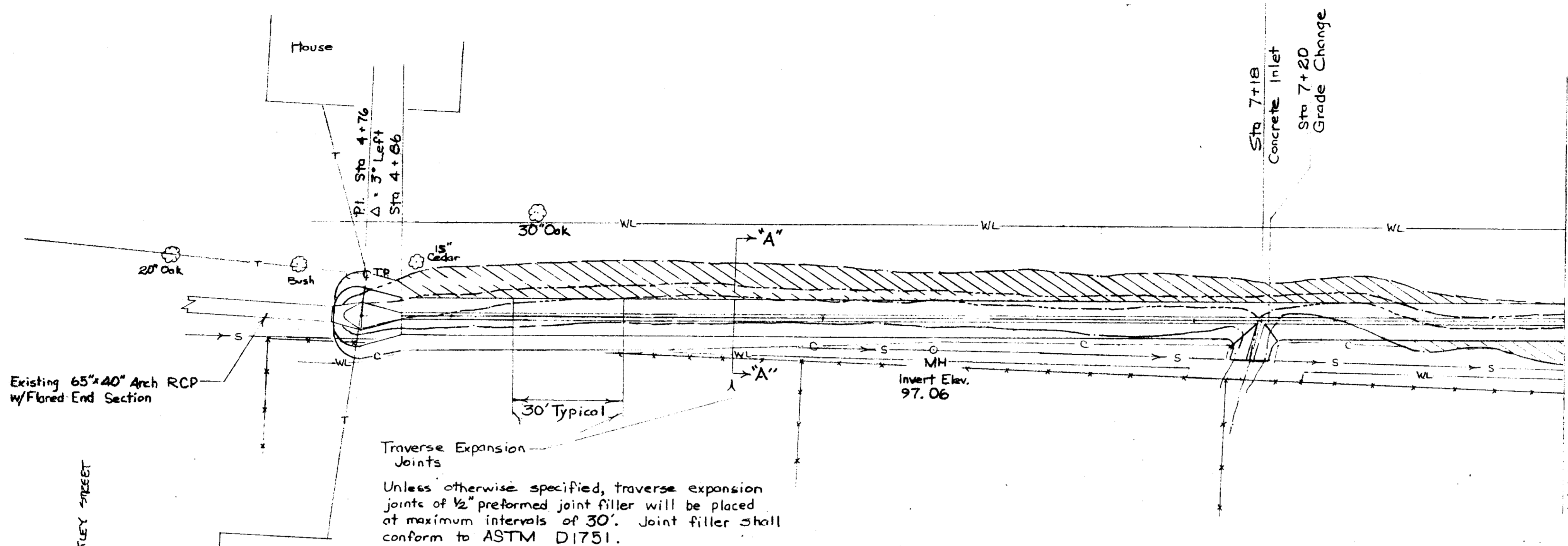
**U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE**

Designed J.D. Harrison Date 9-88 Approved by Richard H. Lee  
 Title State Conservation Engineer

Drawn Brandon PEO Date 9-88 Title SAS, Jackson, MS 5/1/88

Traced \_\_\_\_\_ Sheet \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 No. 1

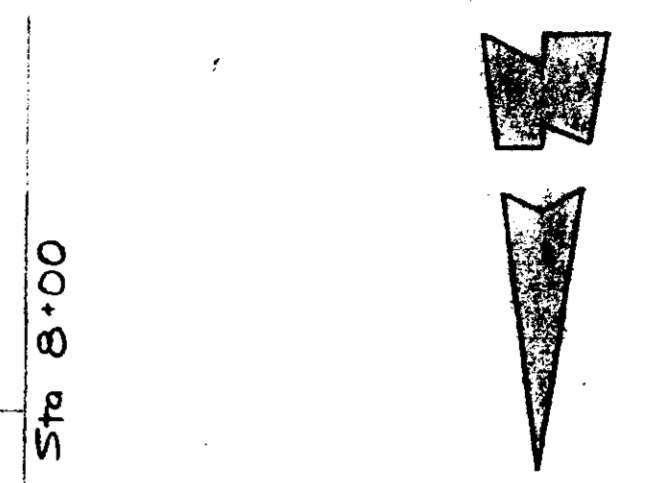
Checked Richard H. Lee Date 10-88 of 14



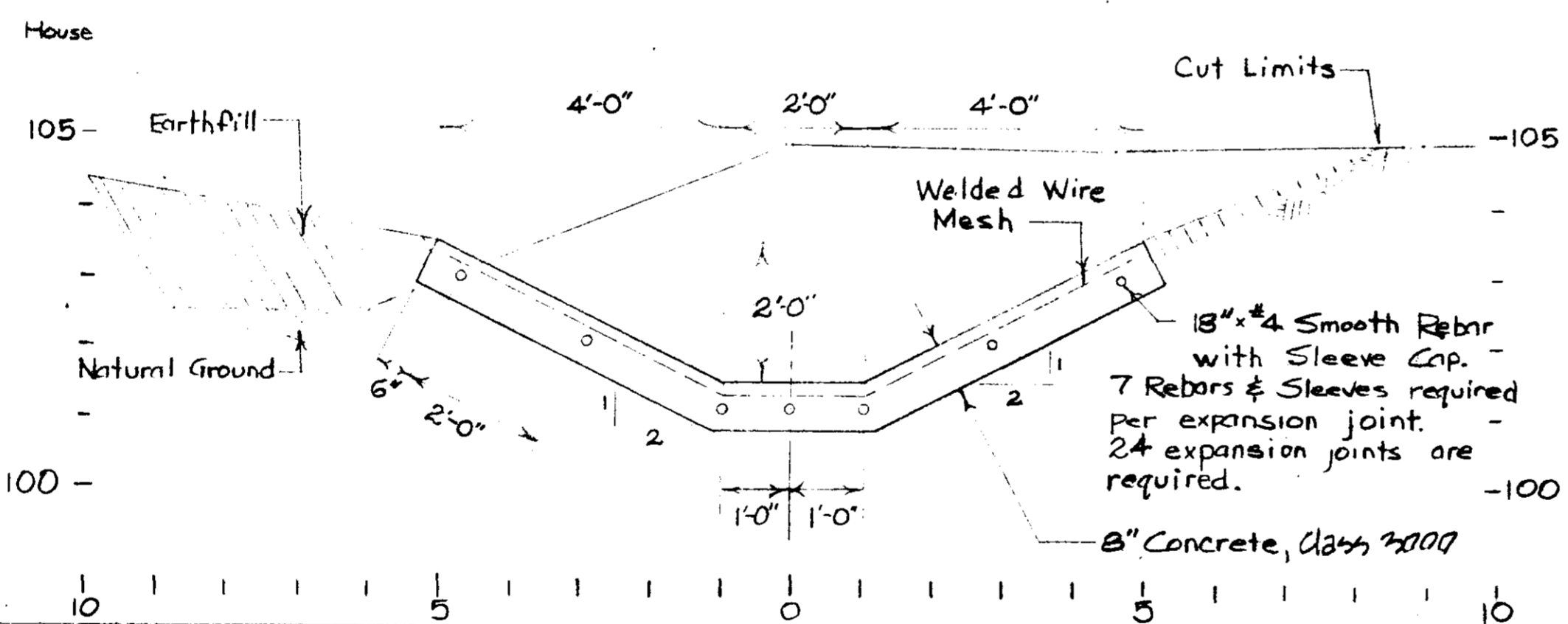
Traverse Expansion Joints  
 Unless otherwise specified, traverse expansion joints of 1/2" preformed joint filler will be placed at maximum intervals of 30'. Joint filler shall conform to ASTM D1751.

Existing 65" x 40" Arch RCP w/ Flared End Section

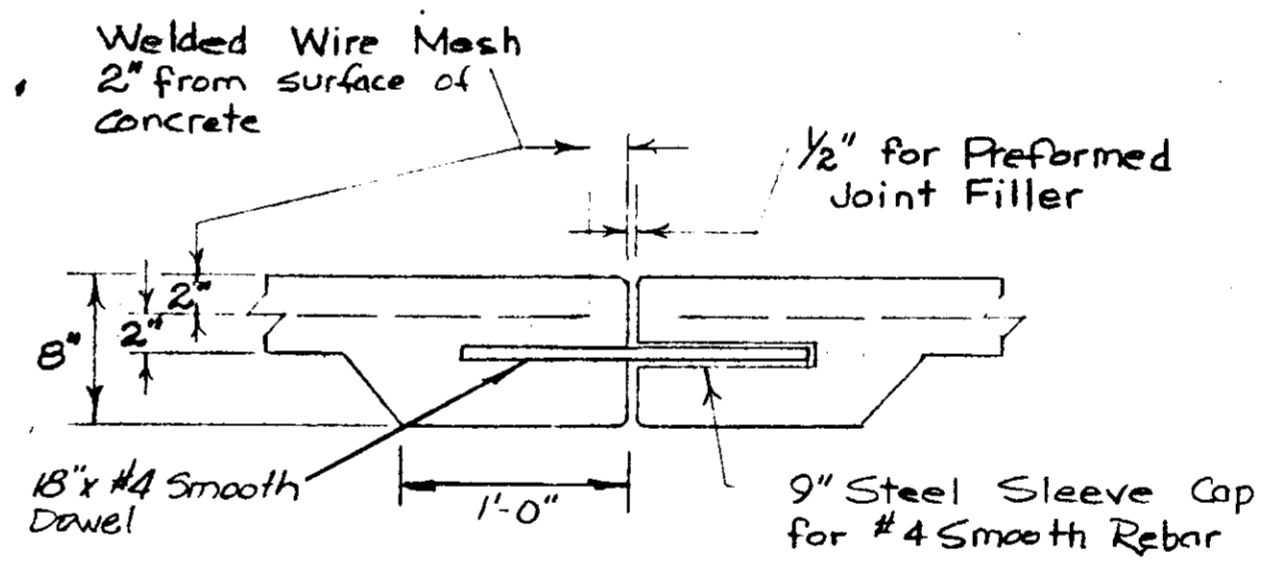
SOUTH WHEATLEY STREET



Match Line



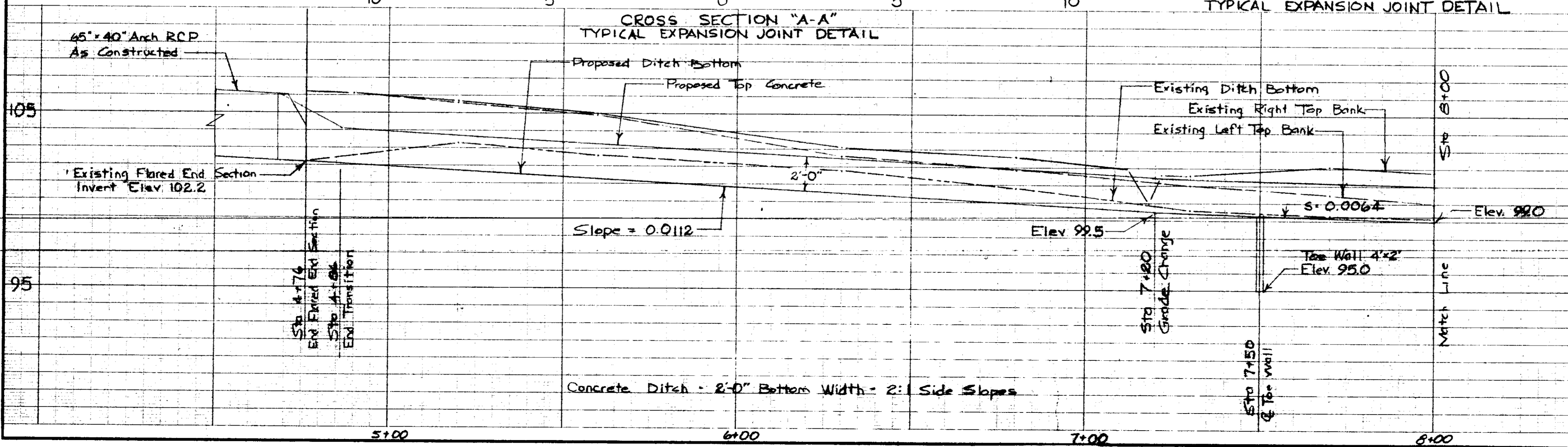
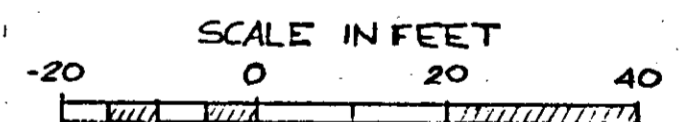
CROSS SECTION "A-A"  
 TYPICAL EXPANSION JOINT DETAIL



ELEVATION VIEW  
 N.T.S.  
 TYPICAL EXPANSION JOINT DETAIL

**LEGEND**

- △ TRANSMIT STATION PLOTTED POINT
- SEWER LINE w/ MANHOLE
- TELEPHONE LINE w/ JUNCTION BOX + POLE
- ◇— WATER LINE w/ METER
- ◇— GAS LINE
- \*—\*— EXISTING FENCE
- \*—\*— EXISTING TOE
- C— APPROX. LIMIT OF CUT
- WL— APPROX. WORK AREA LIMITS
- P— POWER LINE w/ POLE
- CONCRETE GRAUT
- EARTH FILL
- EROSION CONTROL BLANKET



REV	DATE	INITIALS
1	11/21/88	JTM

**WOLCOTT CIRCLE**  
 Emergency Watershed Project  
 City of Ridgeland  
 Madison County, Mississippi  
 Plan & Profile

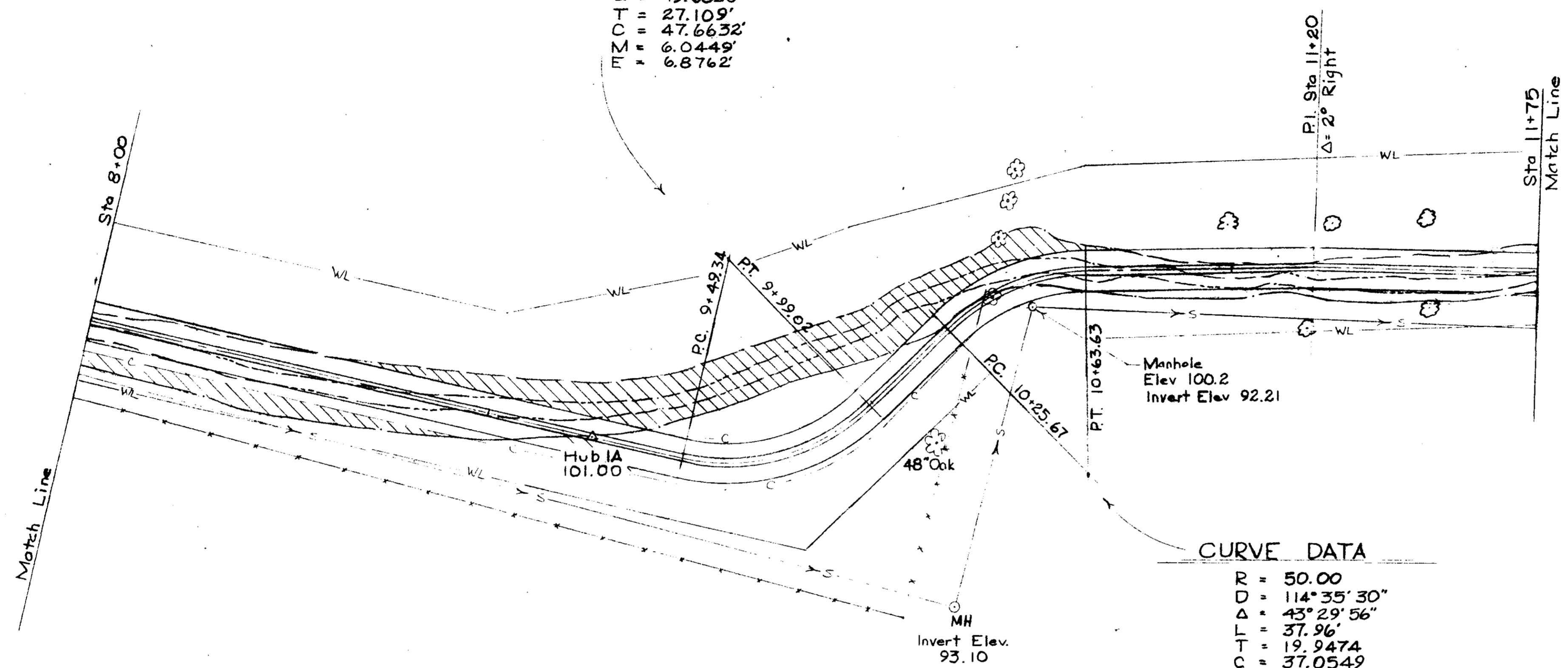
**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed	Date	Approved by
J.D. Harrison	11-88	
Drawn		Title
J.T. Michael	11-88	
Traced		Title
Checked		Title

Sheet No. 2 of 4  
 Drawing No.

**CURVE DATA**

R = 50.00  
 D = 114° 35' 30"  
 Δ = 56° 55' 53"  
 L = 49.6820'  
 T = 27.109'  
 C = 47.6632'  
 M = 6.0449'  
 E = 6.8762'

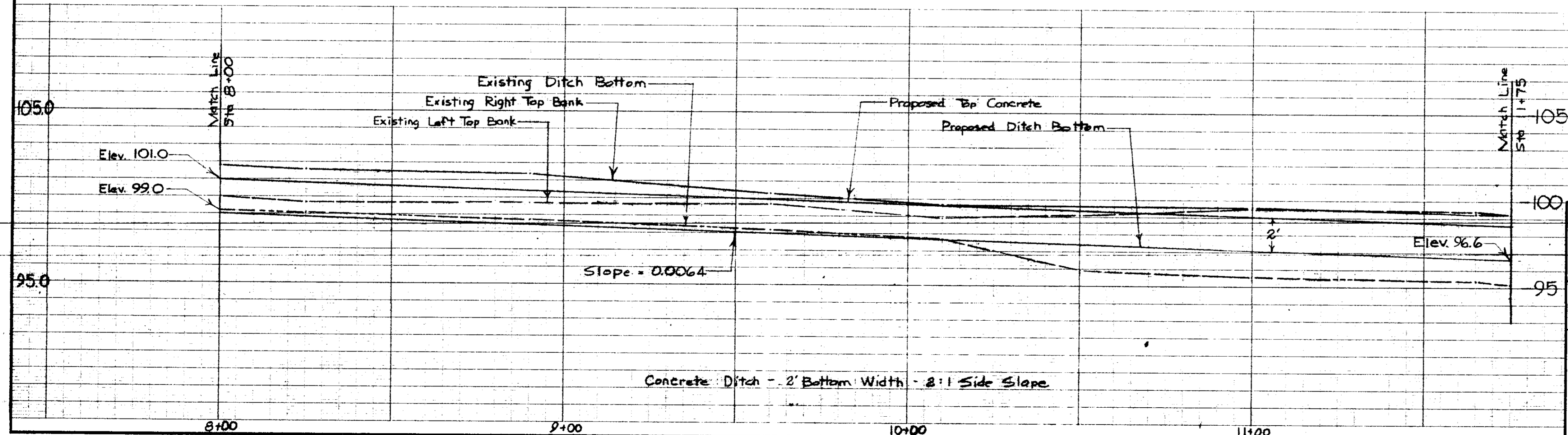
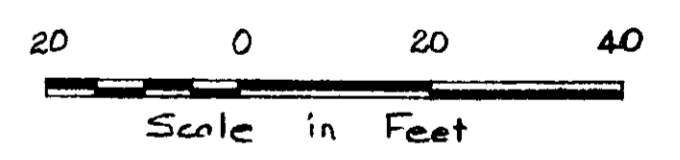


**CURVE DATA**

R = 50.00  
 D = 114° 35' 30"  
 Δ = 43° 29' 56"  
 L = 37.96'  
 T = 19.9474'  
 C = 37.0549'  
 M = 3.5594'  
 E = 3.8322'

**LEGEND**

- △ TRANSPORTATION PLACED POINT
- TELEPHONE LINE w/ JUNCTION BOX & POLE
- TELEPHONE LINE w/ METER
- WATER LINE w/ METER
- GAS LINE
- EXISTING FENCE
- EXISTING TREE
- APPROX. LIMIT OF CUT
- APPROX. WORK AREA LIMITS
- POWER LINE w/ POLE
- CONCRETE GROUT
- EARTH FILL
- EROSION CONTROL BLANKET



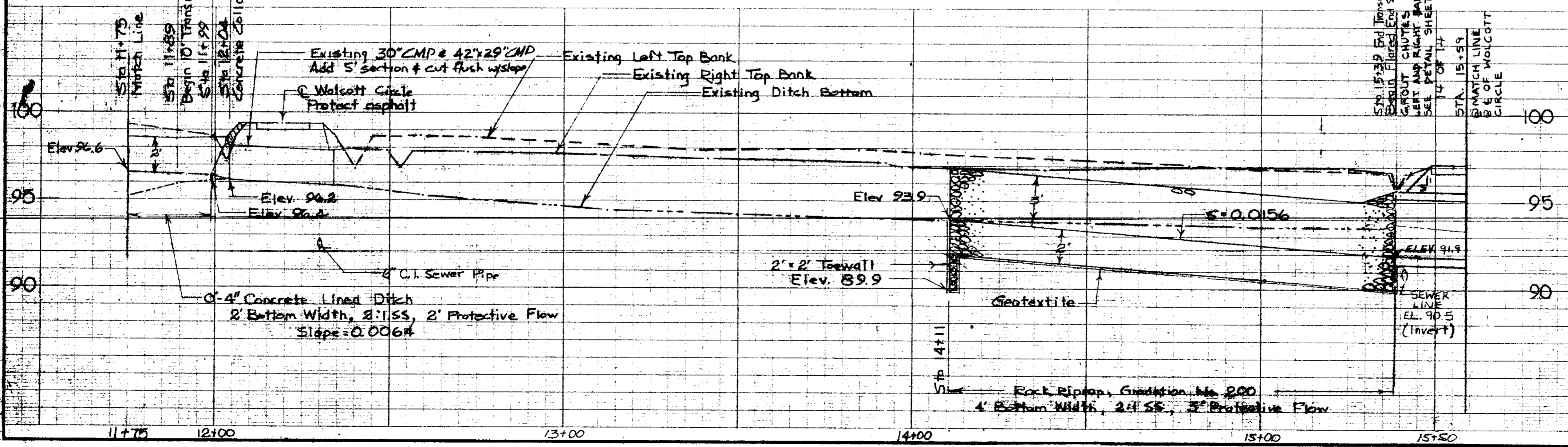
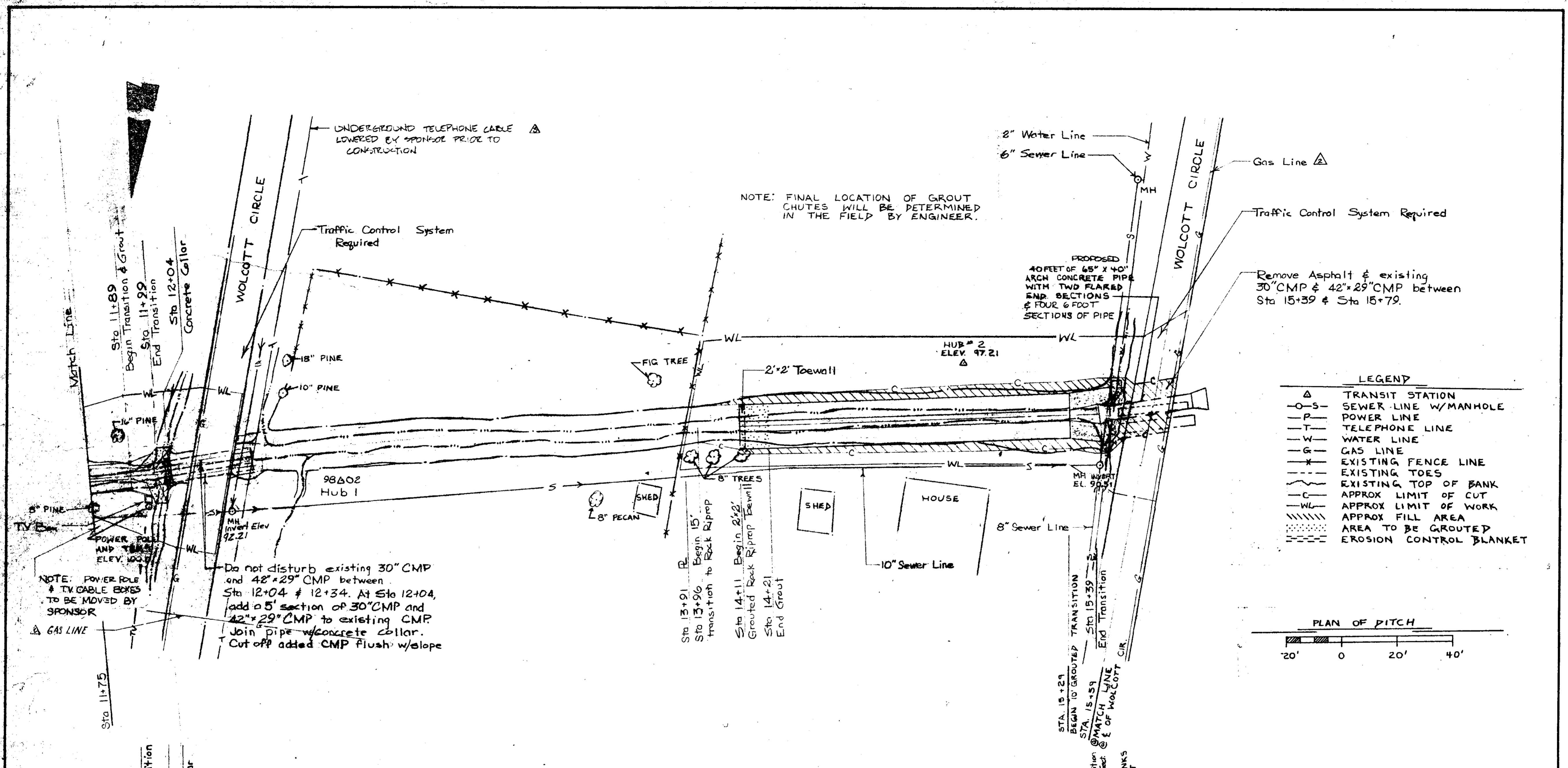
REVISION	DATE	BY
1	4/21/88	JTM
2		
3		
4		

**WOLCOTT CIRCLE**  
 Emergency Watershed Project  
 City of Ridgeland  
 Madison County, Mississippi  
 Plan & Profile

**U.S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed	Date	Approved by
J.D. Harrison	11-88	
Drawn		Title
J.T. Michael	11-88	
Traced		Title
Checked		Title

Sheet No. 3 of 4  
 Drawing No.



Station	Remarks	Date	Initials
11+75	Match Line		
12+04	Concrete Cellar		
14+11	Toe Wall		
15+50	Match Line		

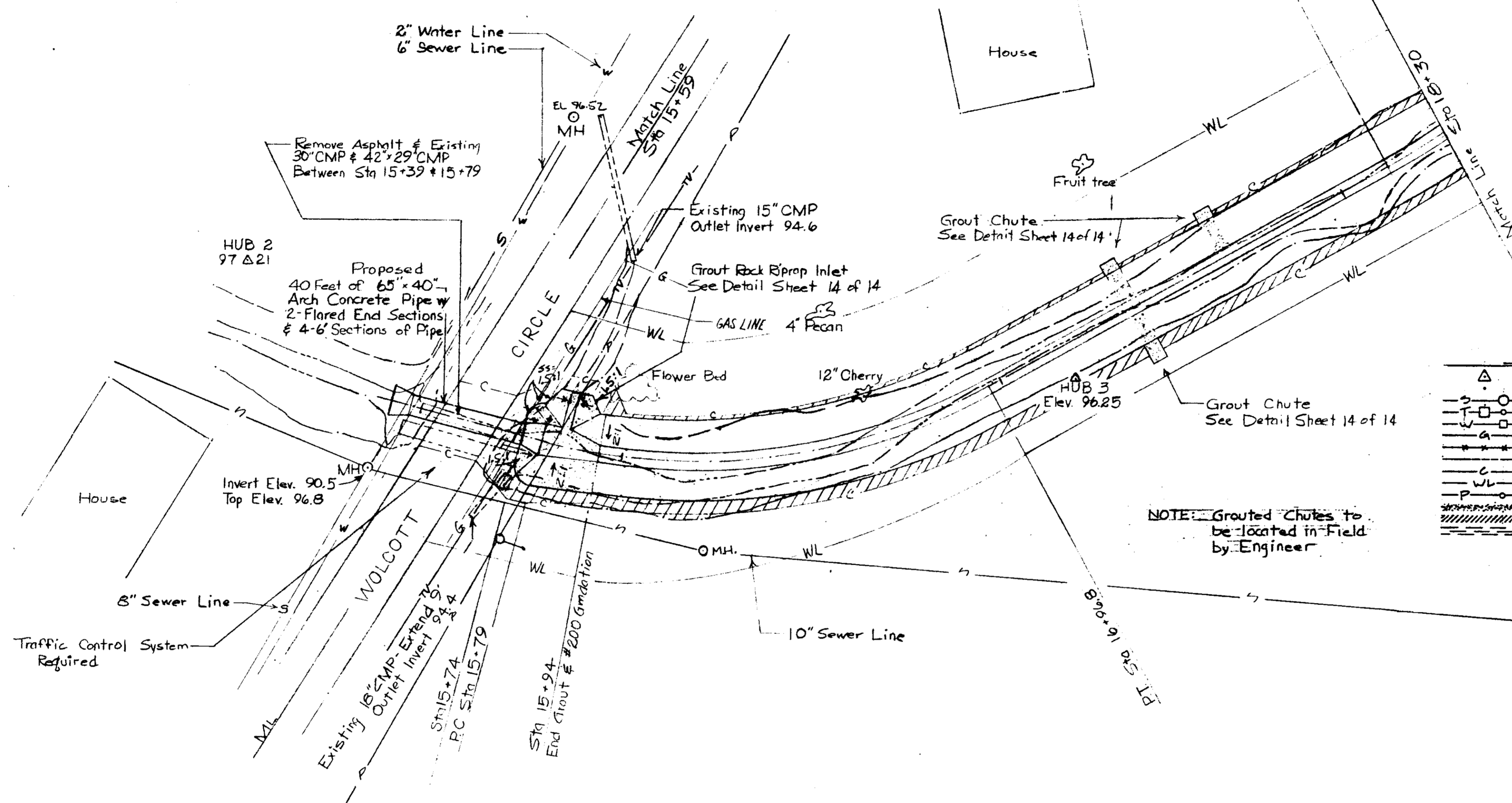
**WOLCOTT CIRCLE**  
 EMERGENCY WATERSHED PROJECT  
 CITY OF RIDGELAND  
 MADISON COUNTY, MISSISSIPPI  
 PLAN & PROFILE

**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed	Date	Approved by
J. P. HARRISON	9-82	
Drawn		Title
W. P. TAYLOR	8-88	
Traced		Title
Checked		Sheet No. 4 of 14
	10-88	Drawing No.

Curve Data

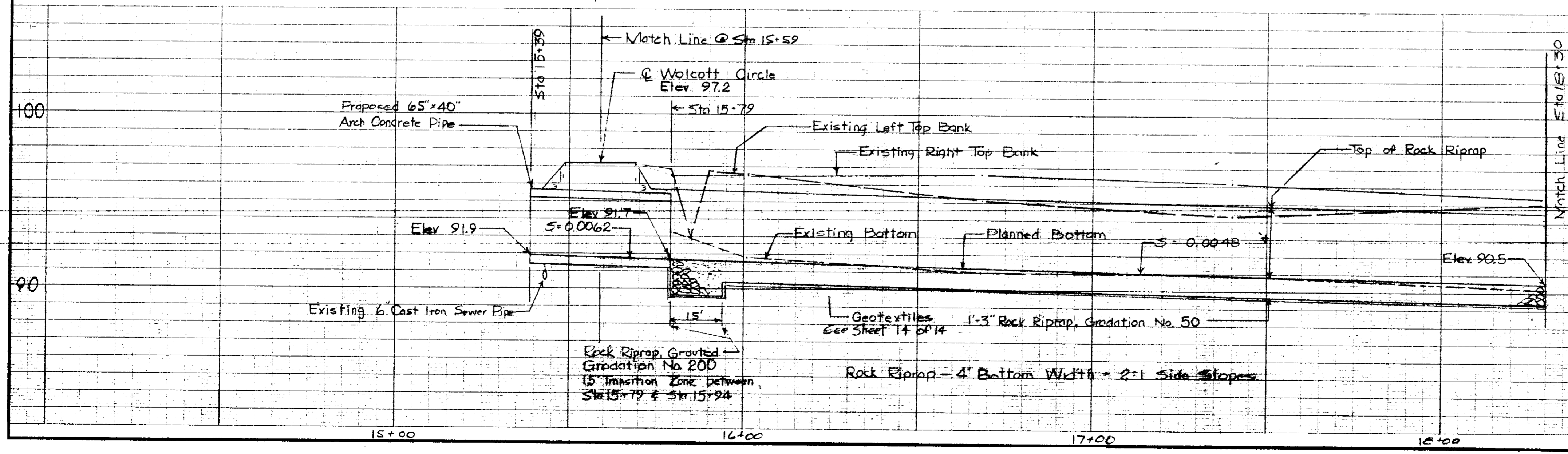
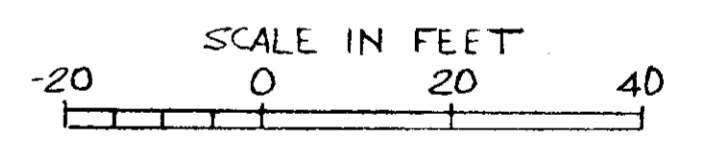
R=153.4554  
 D=37°20'14"  
 Δ=44°00'  
 L=117.8453  
 T=62.00  
 C=114.9708  
 M=11.1740  
 E=12.0516



**LEGEND**

- △ TRANSPORTATION STATION
- PLOTTED POINT
- SEWER LINE w/ MANHOLE
- TELEPHONE LINE w/ JUNCTION BOX + POLE
- WATER LINE w/ METER
- GAS LINE
- EXISTING POLE
- EXISTING TIE
- APPROX. LIMIT OF CUT
- APPROX. WORK AREA LIMITS
- POWER LINE w/ POLE
- CONCRETE GROUT
- EARTH FILL
- EROSION CONTROL BLANKET

NOTE: Grouted Chutes to be located in field by Engineer



**REVISION BLOCK**

#	INITIALS	DATE	#	INITIALS	DATE
1	D.W.	12/28/88			

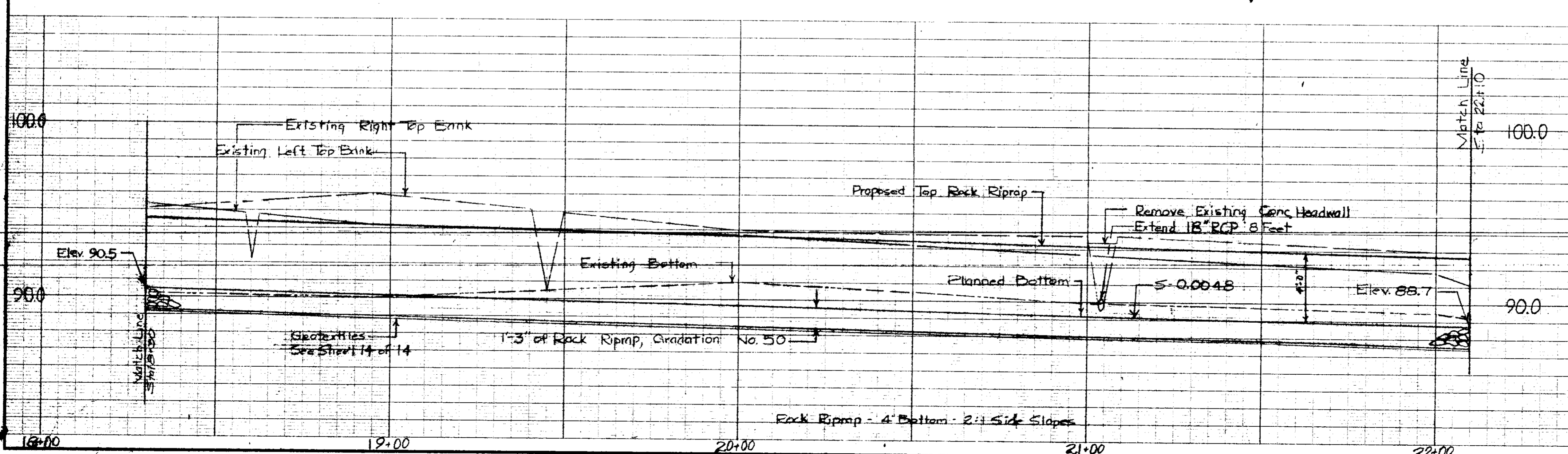
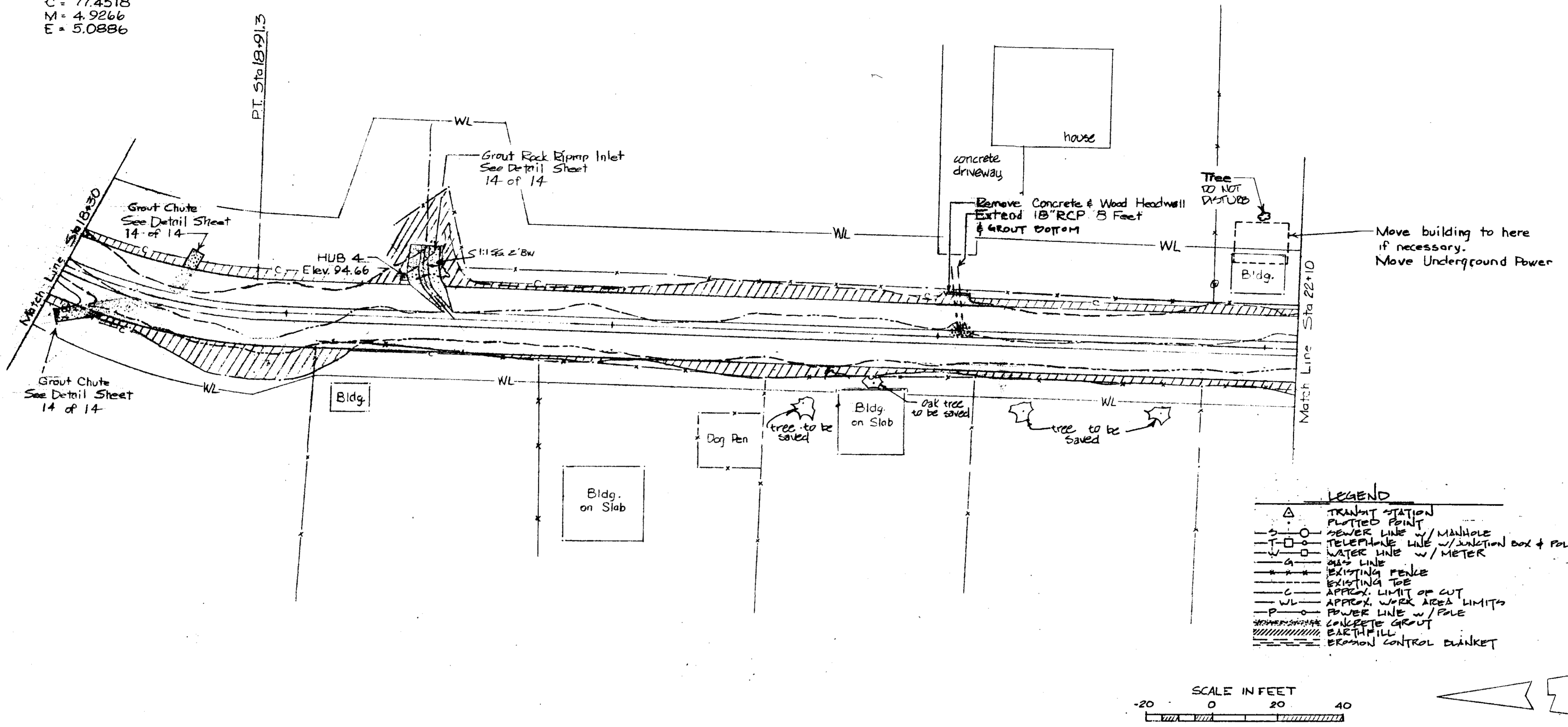
**WOLCOTT CIRCLE**  
 Emergency Watershed Project  
 City of Ridgeland  
 Madison County, Mississippi  
 Plan - Profile

**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed	J.D. Harrison	Date	8-88	Approved by	
Drawn	J.T. Michael	Date	8-88	Title	
Traced				Title	
Checked	Reginald...	Date	10-88	Sheet	No. 5 of 14

Curve Data

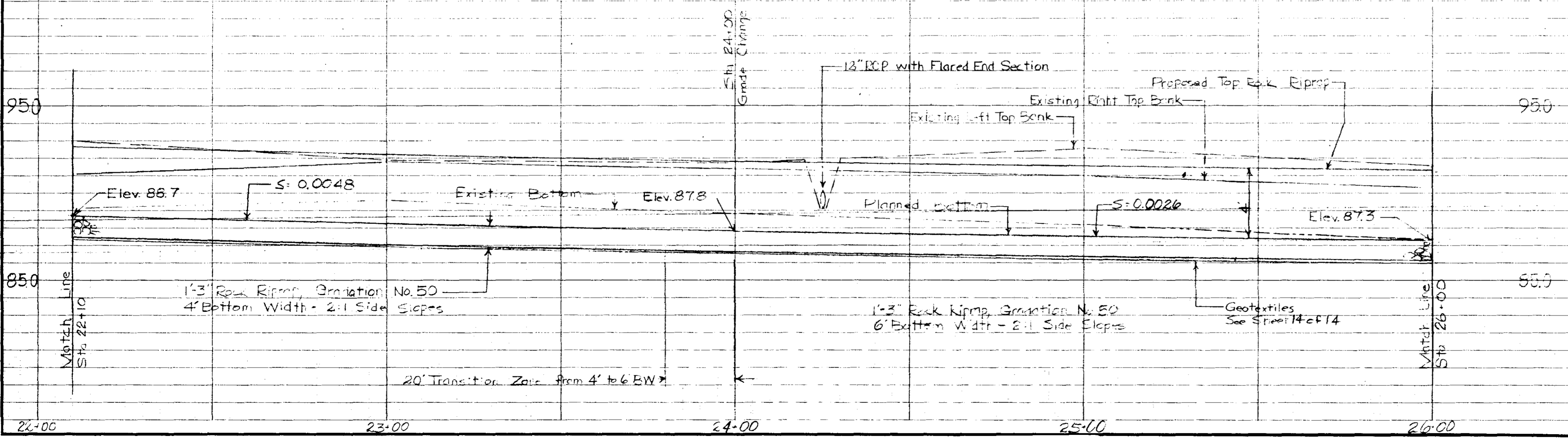
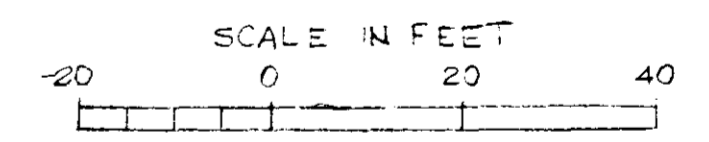
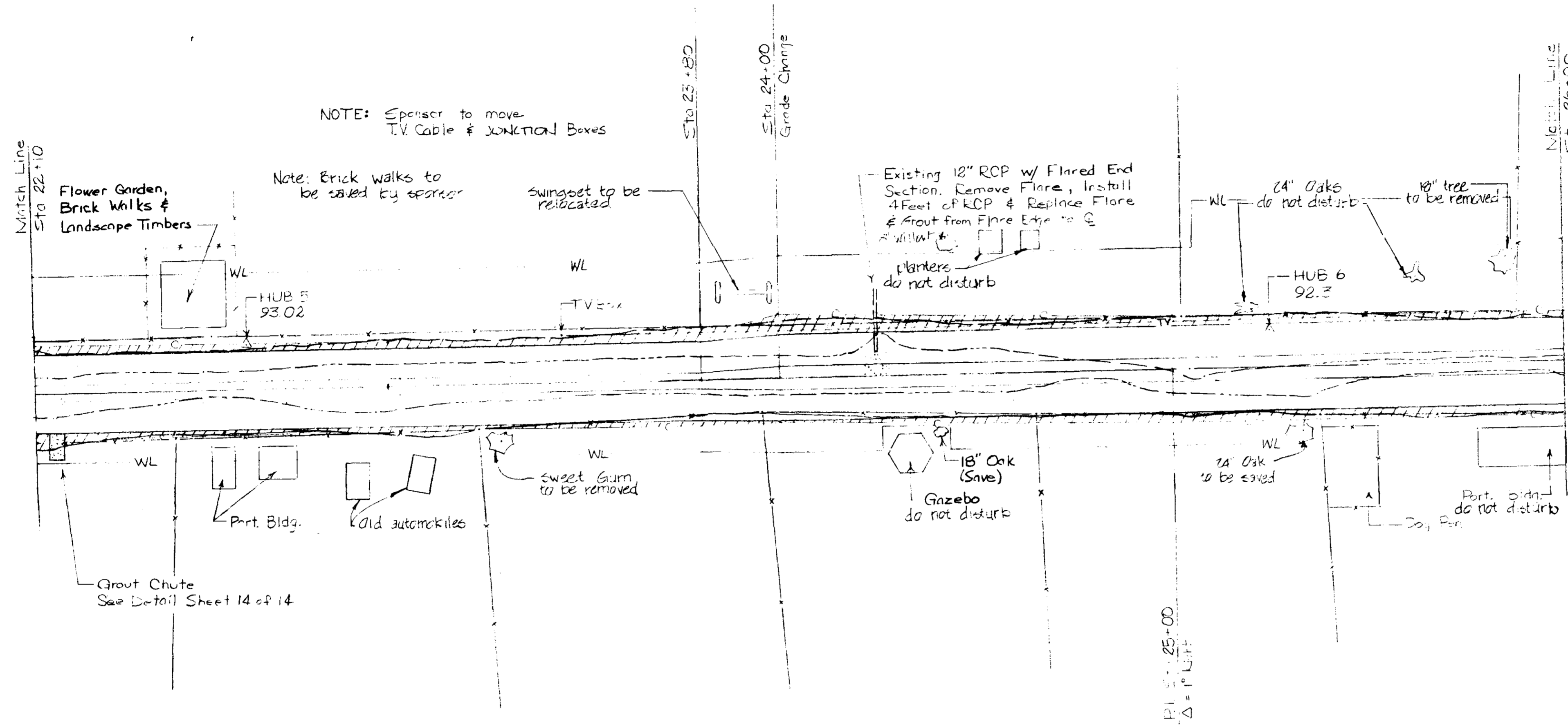
R = 154.6685  
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 L = 78.2848  
 T = 40.00  
 C = 77.4518  
 M = 4.9266  
 E = 5.0886



**WOLCOTT CIRCLE**  
 Emergency Watershed Project  
 City of Ridgeland  
 Madison County, Mississippi  
 Plan & Profile

**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed	Date	Approved by
J.D.Harrison	8-88	Title
Drawn		
J.T.Michael	8-88	Title
Traced		
Checked	Sheet	Drawing No
Raymond K. [Signature]	No. 6	of 14

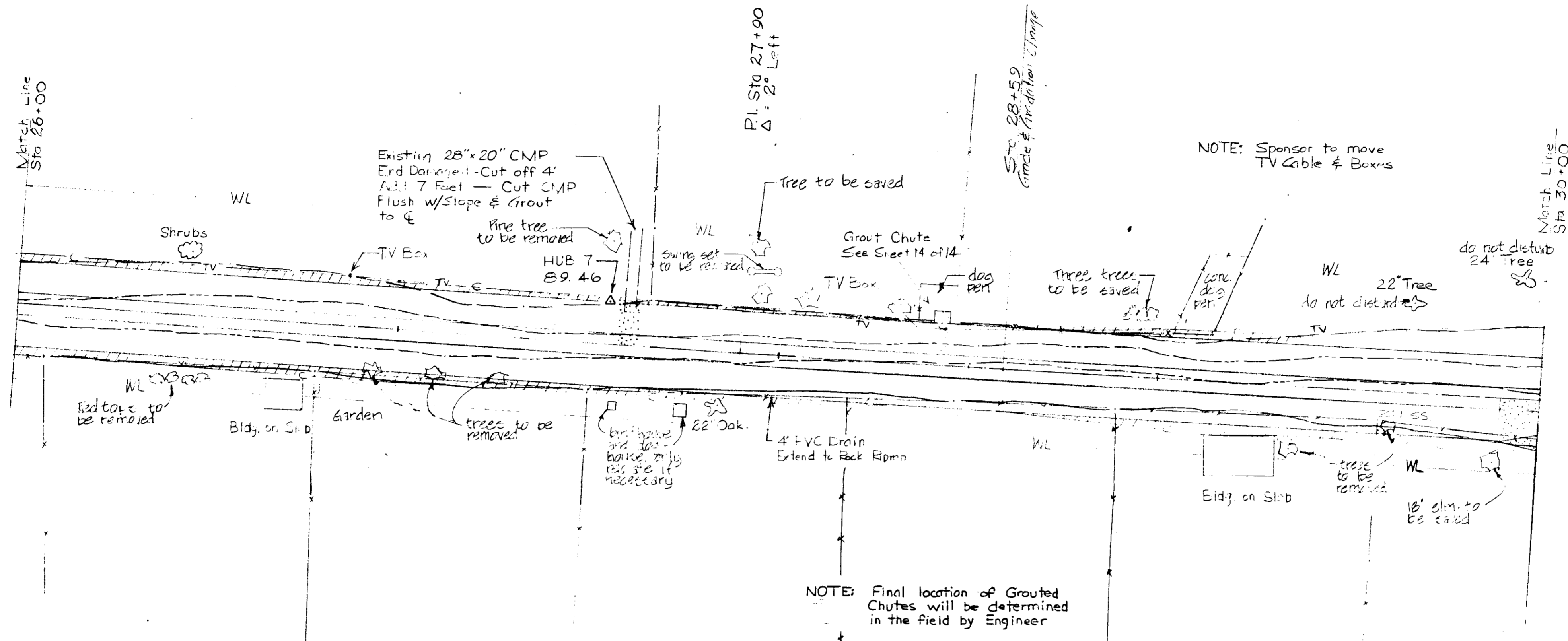


**WINDY CIRCLE**  
 Emergency Watershed Project  
 City of Ridgeland  
 Madison County, Mississippi  
 Plan E Profile

**U.S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

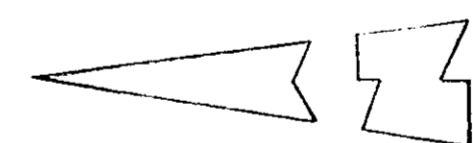
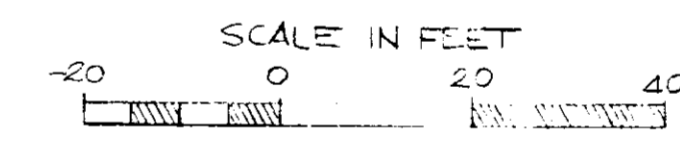
Designed J.D. Harrison	Date 2-22	Approved by Title
Drawn J.T. Michael	Date 2-22	Title
Traced		Title
Checked Ryland [Signature]	Sheet No. 7 of 14	Drawing No.





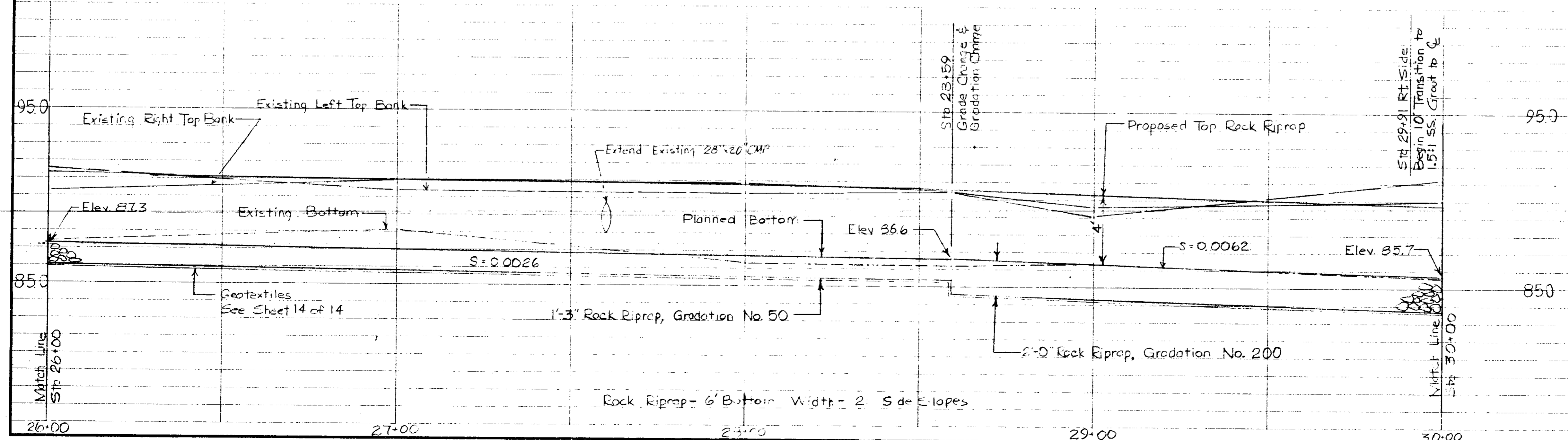
NOTE: Sponsor to move TV Cable & Boxes

NOTE: Final location of Grouted Chutes will be determined in the field by Engineer



**LEGEND**

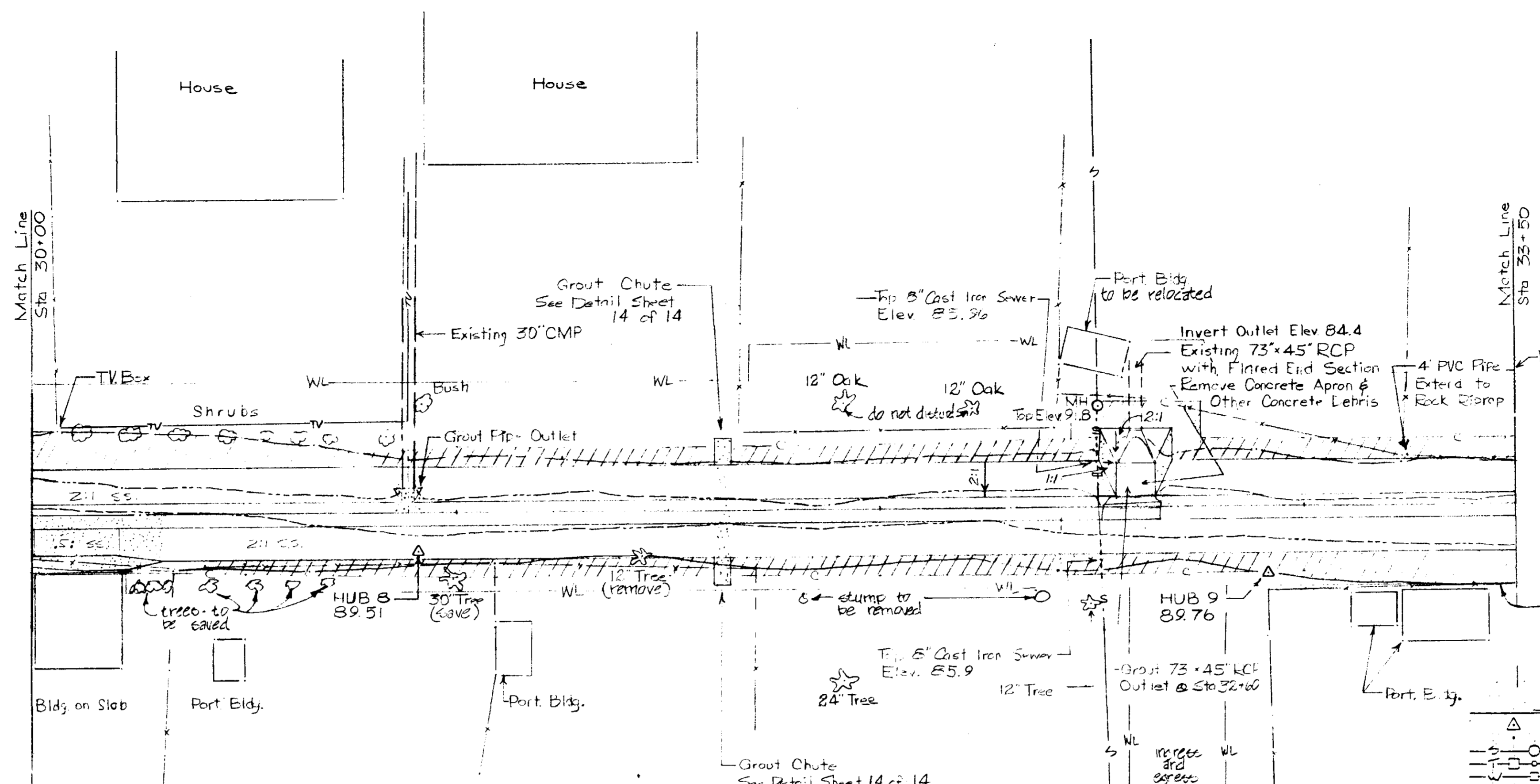
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- PLOTTED POINT
- S—○ SEWER LINE w/ MANHOLE
- T—○ TELEPHONE LINE w/ JUNCTION BOX & POLE
- W—○ WATER LINE w/ METER
- G—○ GAS LINE
- EXISTING FENCE
- EXISTING TIE
- APPROX. LIMIT OF CUT
- APPROX. WORK AREA LIMITS
- POWER LINE w/ POLE
- CONCRETE GROUT
- BERTHILL
- EROSION CONTROL BLANKET



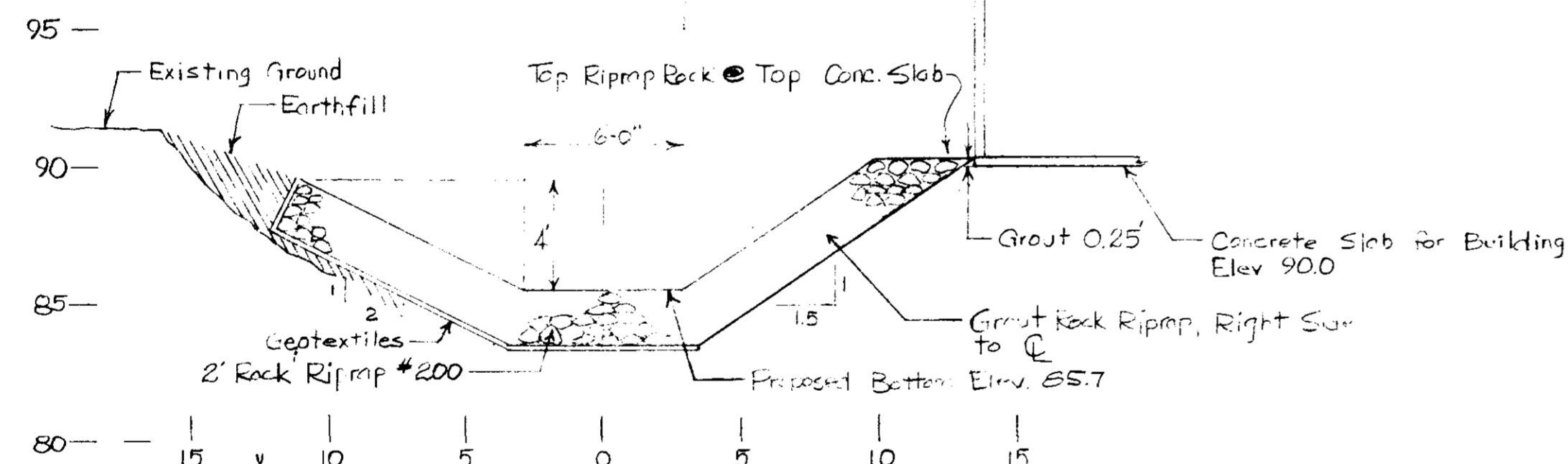
**WOLCOTT CIRCLE**  
 Emergency Watershed Project  
 City of Ridgeland  
 Madison County, Mississippi  
 Plan & Profile

**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed	J.D. Harrison	Date	5-88	Approved by	
Drawn	T. Michael	Date	5-88	Title	
Traced				Title	
Checked				Sheet	No 8 of 14
				Drawing No	10-88

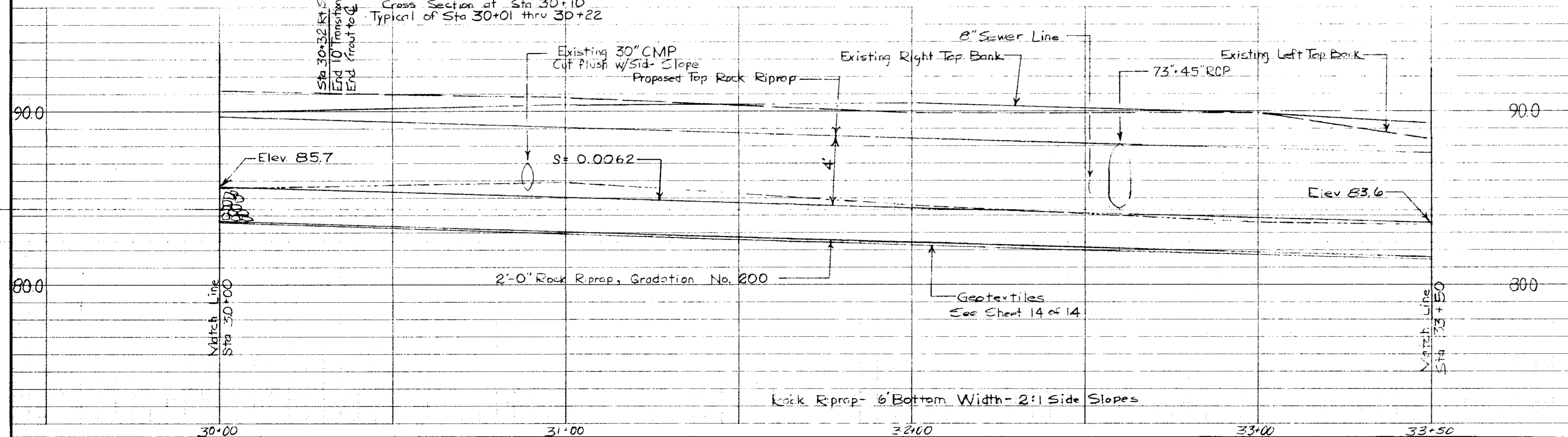
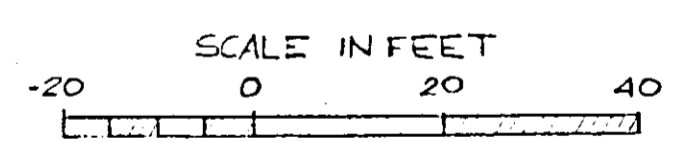


NOTE: Contractor will give Sponsor 24 hour notice prior to grouting between Sta 29+81 & 30+32 for the replacement of fence post.



NOTE: Final location of Grouted Chutes will be determined in the field by Engineer

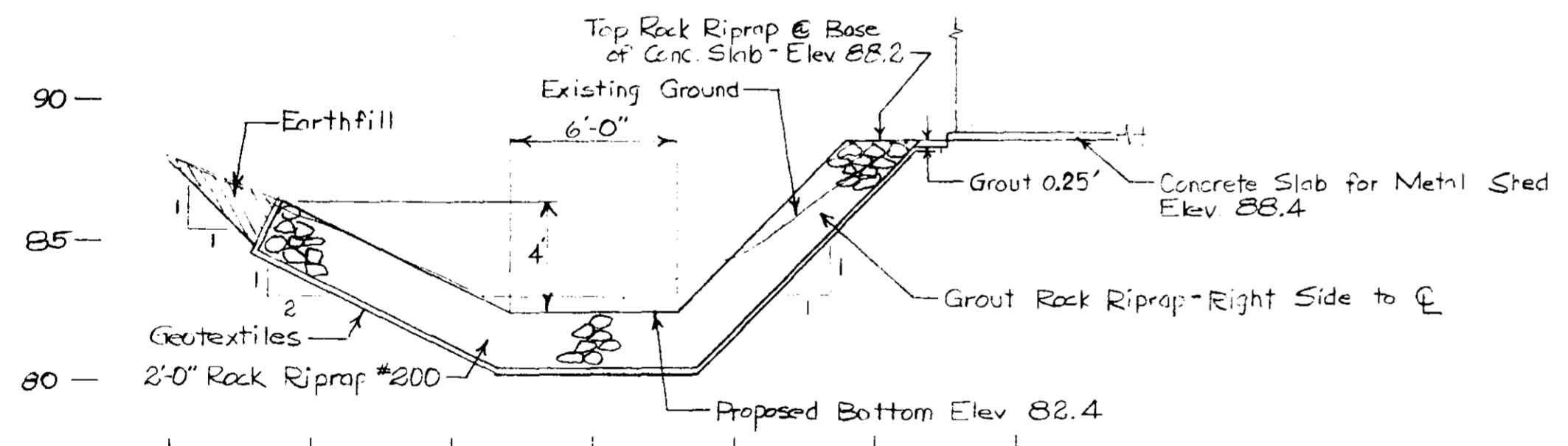
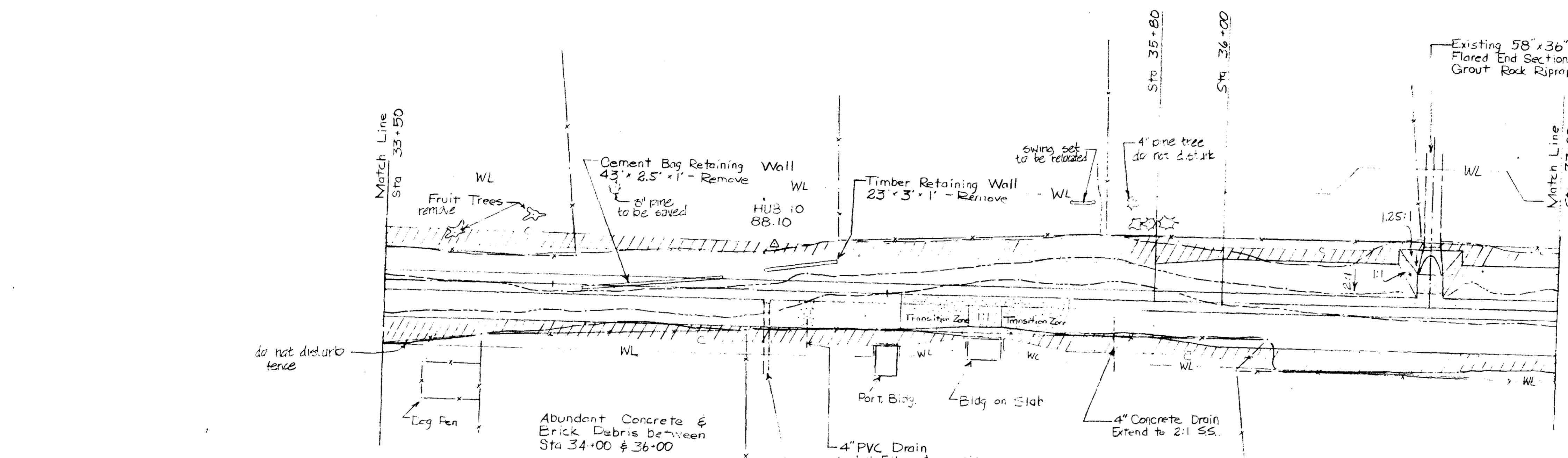
- LEGEND**
- △ TRANSIT STATION
  - PLOTTED POINT
  - SEWER LINE w/ MANHOLE
  - TELEPHONE LINE w/ JUNCTION BOX + POLE
  - WATER LINE w/ METER
  - GAS LINE
  - EXISTING FENCE
  - EXISTING TOE
  - APPROX. LIMIT OF CUT
  - APPROX. WORK AREA LIMITS
  - POWER LINE w/ POLE
  - CONCRETE GROUT
  - EARTHFILL
  - EROSION CONTROL SUNKET



**WOLCOTT CIRCLE**  
 Emergency Watershed Project  
 City of Ridgeland  
 Madison County, Mississippi  
 Plan & Profile

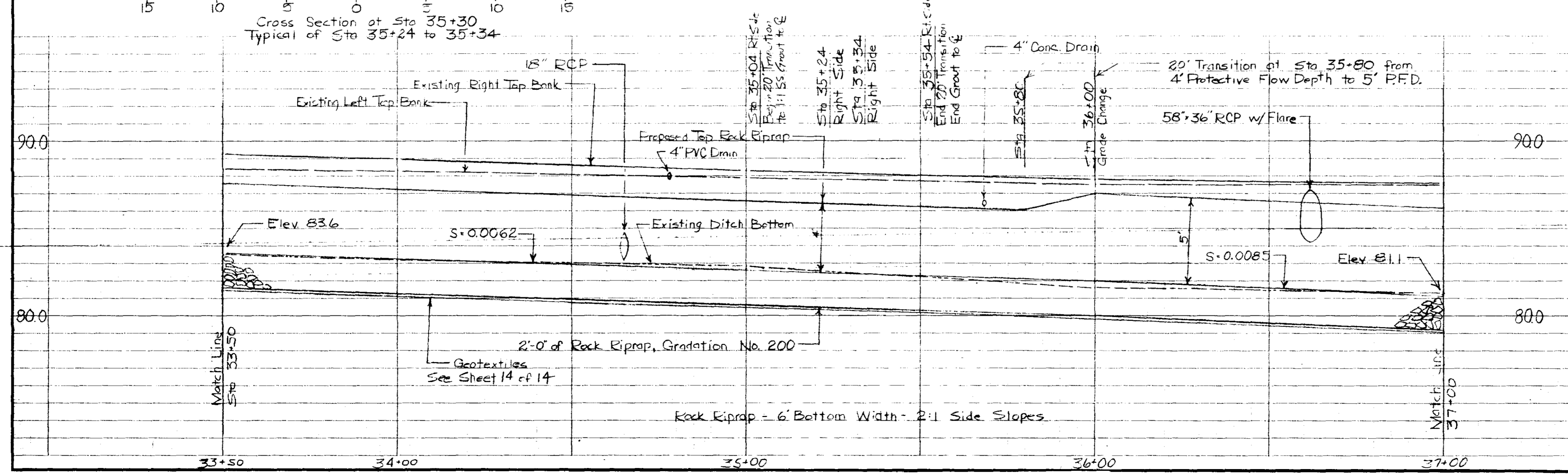
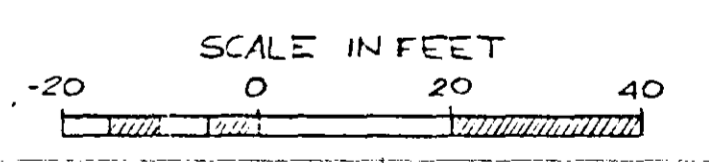
**U.S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed J. D. Harrison	Date 6-88	Approved by
Drawn J. T. Michael	Date 6-88	Title
Traced		Title
Checked <i>[Signature]</i>	Date 10-88	Sheet No. 9 of 14
		Drawing No.



NOTE: Contractor will give Spenser 24 hour notice prior to grouting between Sta 35+04 & Sta 35+54 for the replacement of fence post.

- LEGEND**
- △ TRANSIT STATION
  - PLATTED POINT
  - SEWER LINE w/ MANHOLE
  - TELEPHONE LINE w/ JUNCTION BOX & POLE
  - WATER LINE w/ METER
  - GAS LINE
  - EXISTING TREE
  - APPROX. LIMIT OF CUT
  - WL APPROX. WORK AREA LIMITS
  - POWER LINE w/ POLE
  - CONCRETE GROUT
  - BLK FILL
  - BRONZ CONTROL SINKET



**WOLOTT CIRCLE**  
 Emergency Watershed Project  
 City of Ridgeland  
 Madison County, Mississippi  
 Plan & Profile

**U.S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

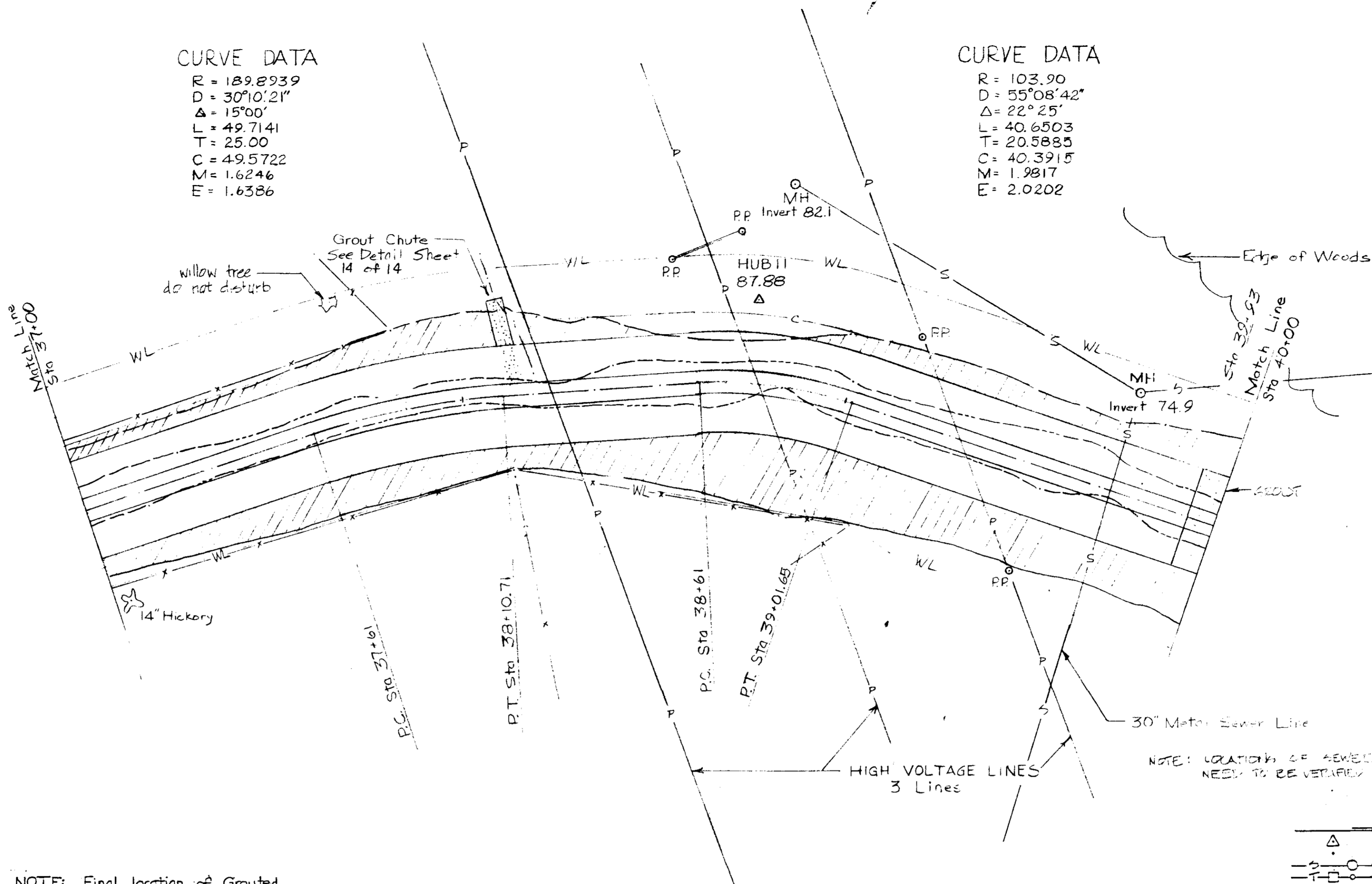
Designed	J.D. Harrison	Date	5-88	Approved by	
Drawn	J.T. Michael	Date	8-88	Title	
Traced		Date		Title	
Checked		Sheet No.	10-88	Drawing No.	
		of 12			

**CURVE DATA**

R = 189.8939  
 D = 30°10'21"  
 Δ = 15°00'  
 L = 49.7141  
 T = 25.00  
 C = 49.5722  
 M = 1.6246  
 E = 1.6386

**CURVE DATA**

R = 103.90  
 D = 55°08'42"  
 Δ = 22°25'  
 L = 40.6503  
 T = 20.5885  
 C = 40.3915  
 M = 1.9817  
 E = 2.0202

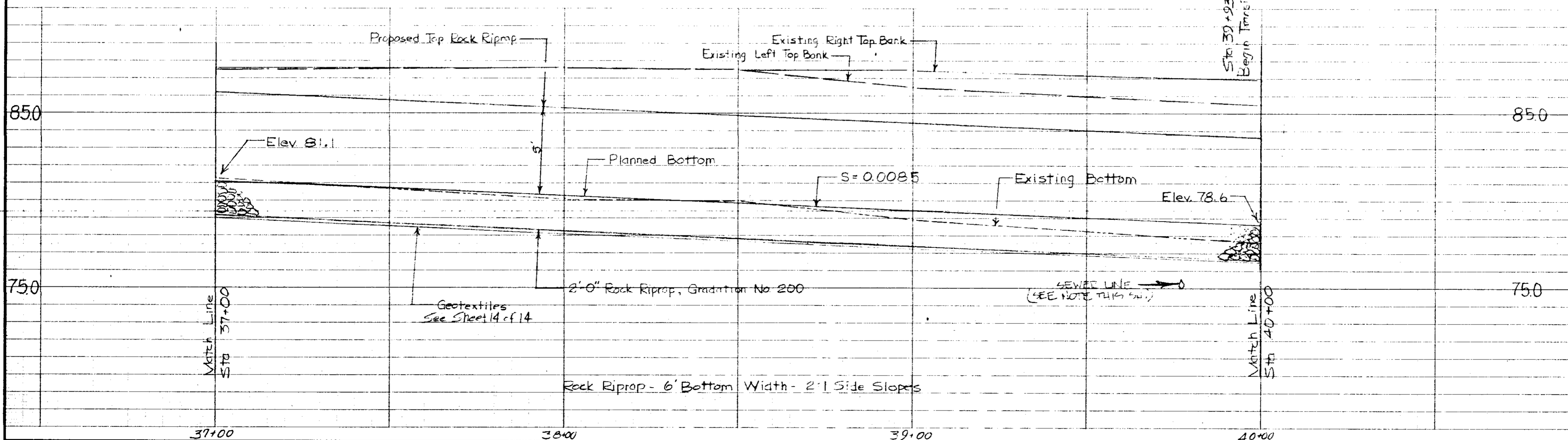
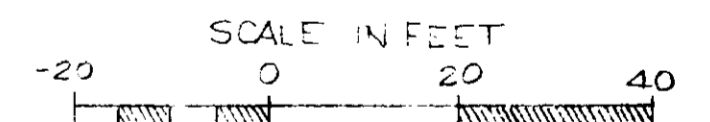


NOTE: Final location of Grouted Chutes will be determined in the field by Engineer

NOTE: LOCATION OF SEWER LINE NEEDS TO BE VERIFIED IN FIELD

**LEGEND**

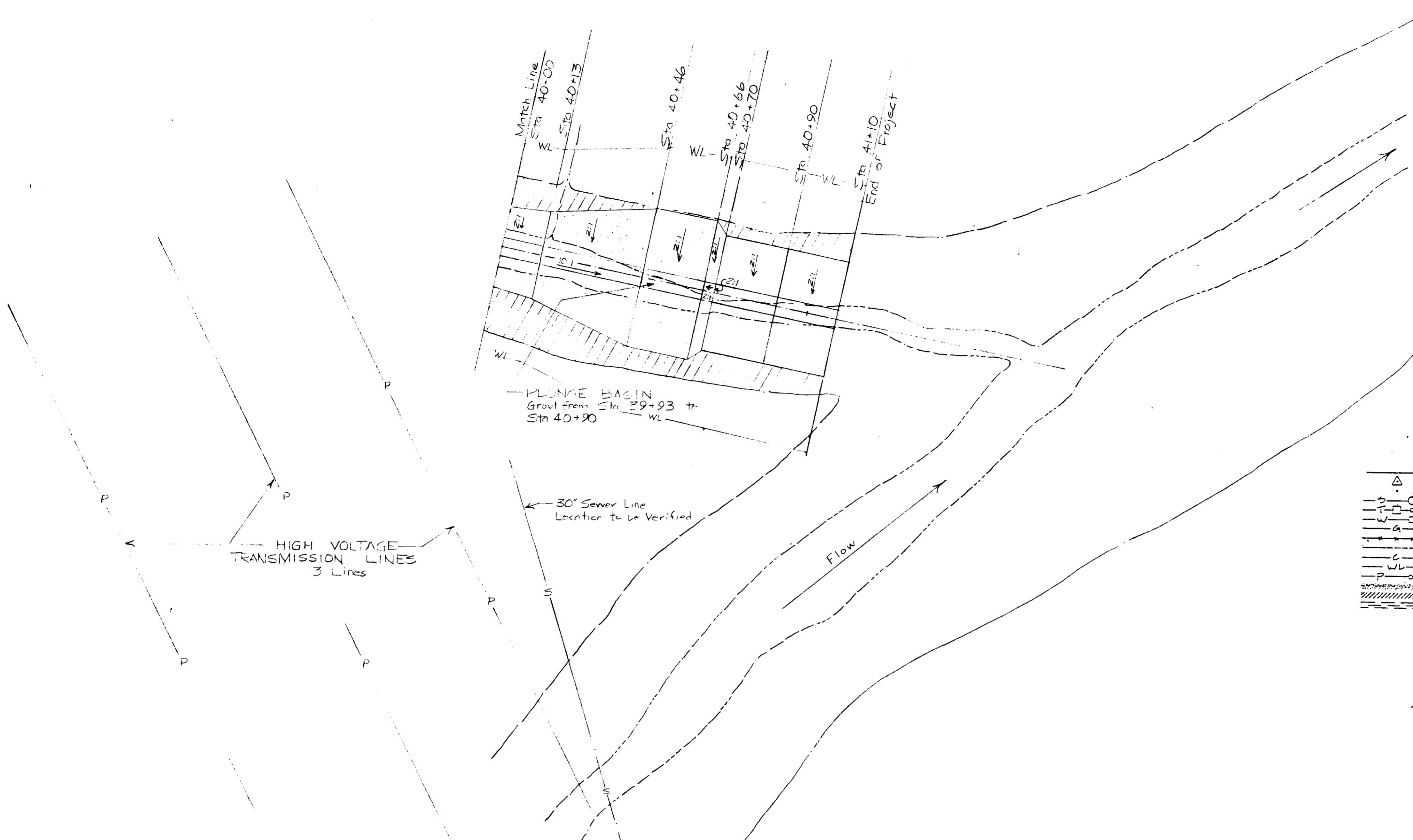
- Δ TRANSMIT STATION
- PLOTTED POINT
- POWER LINE w/ MANHOLE
- TELEPHONE LINE w/ JUNCTION BOX & POLE
- WATER LINE w/ METER
- GAS LINE
- x—x— EXISTING FENCE
- x—x— EXISTING TOE
- C— APPROX. LIMIT OF CUT
- WL— APPROX. WORK AREA LIMITS
- P— POWER LINE w/ POLE
- CONCRETE GROUT
- EARTH FILL
- EROSION CONTROL BLANKET



**WOLCOTT CIRCLE**  
 Emergency Watershed Project  
 City of Ridgeland  
 Madison County, Mississippi  
 Plan & Profile

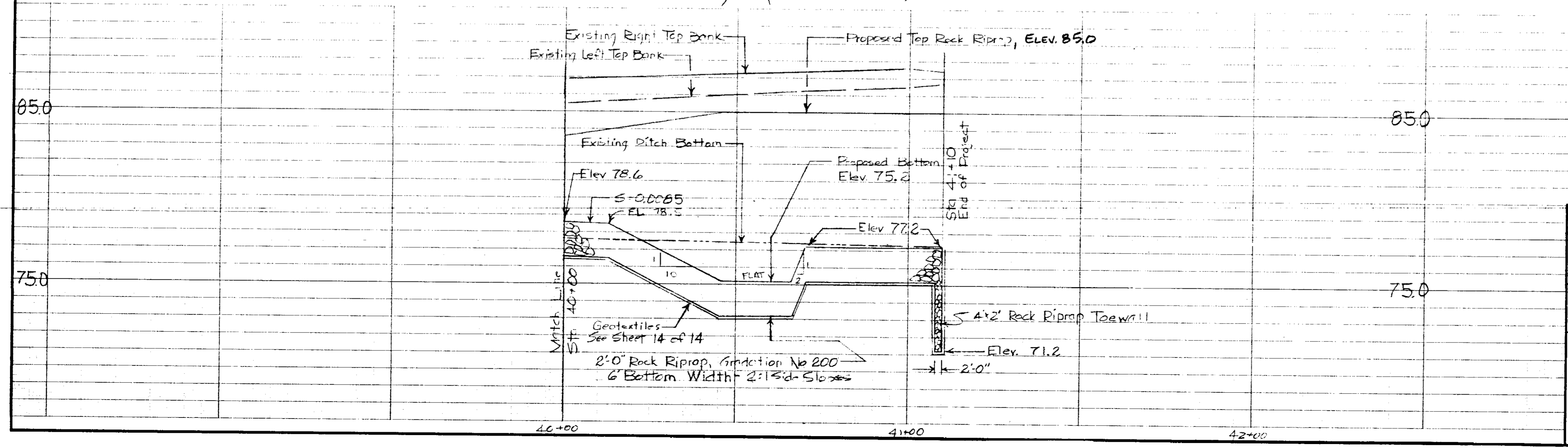
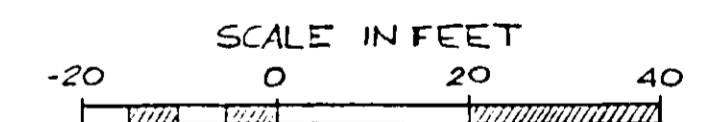
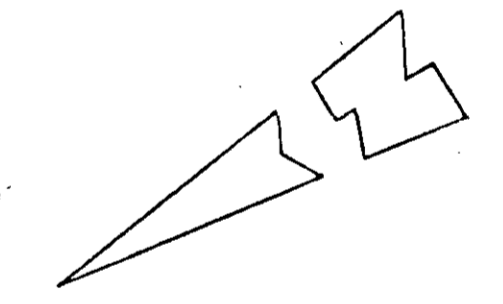
**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed	Date	Approved by
J. D. Harrison	8-88	
Drawn		Title
J. J. Michael	8-88	
Traced		Title
Checked	Sheet	Drawing No
Ronald K. Hand	No 11	
	of 14	



**LEGEND**

- △ TRANSPORT STATION
- PLOTTED POINT
- SEWER LINE w/ MANHOLE
- TELEPHONE LINE w/ JUNCTION BOX + POLE
- WATER LINE w/ METER
- GAS LINE
- \*— EXISTING FENCE
- \*— EXISTING TOE
- C— APPROX. LIMIT OF CUT
- WL— APPROX. WORK AREA LIMITS
- P— POWER LINE w/ POLE
- CONCRETE GROUT
- /// EARTH FILL
- EROSION CONTROL BLANKET

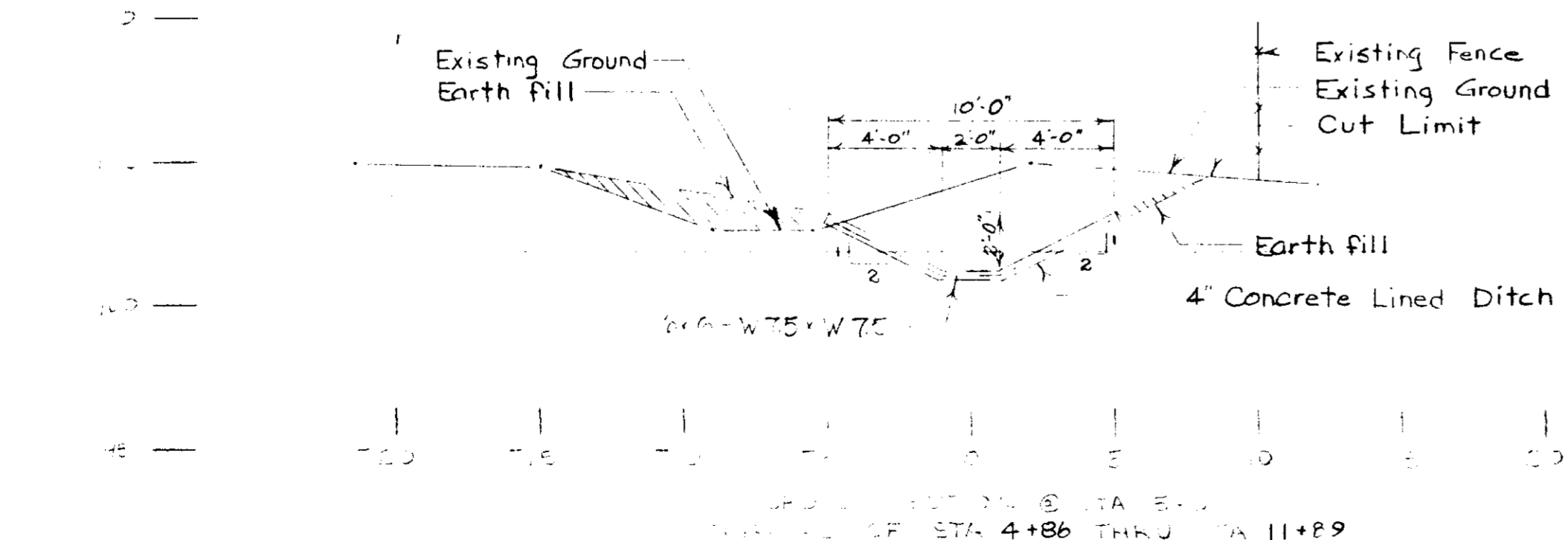
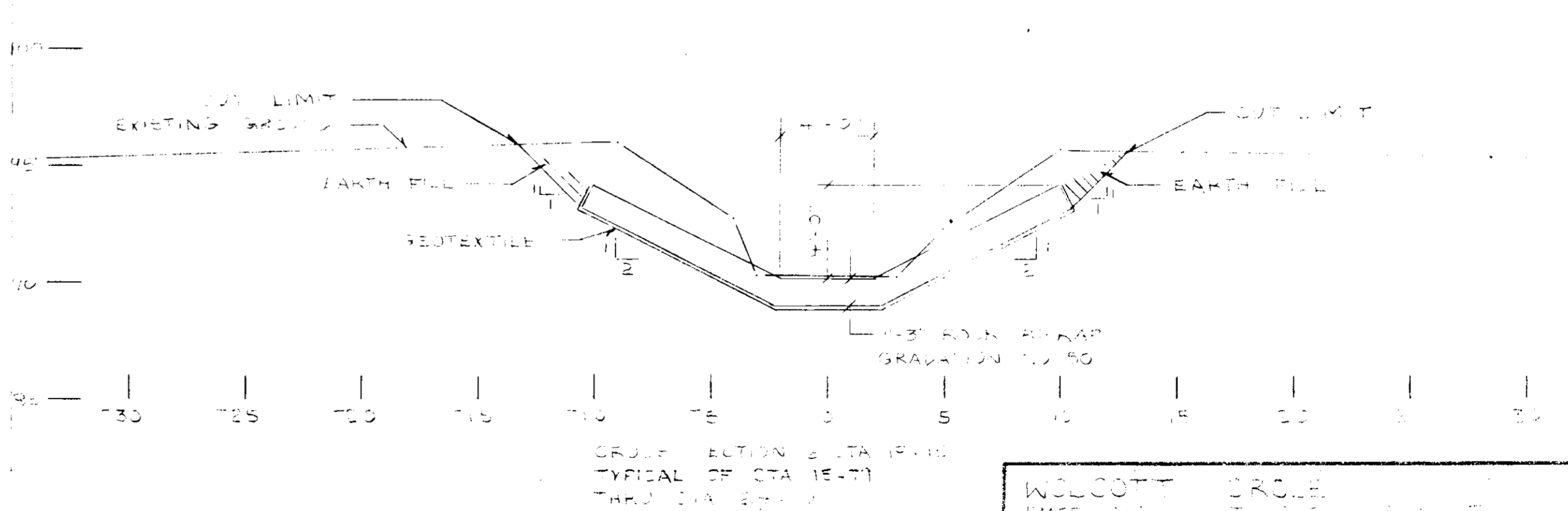
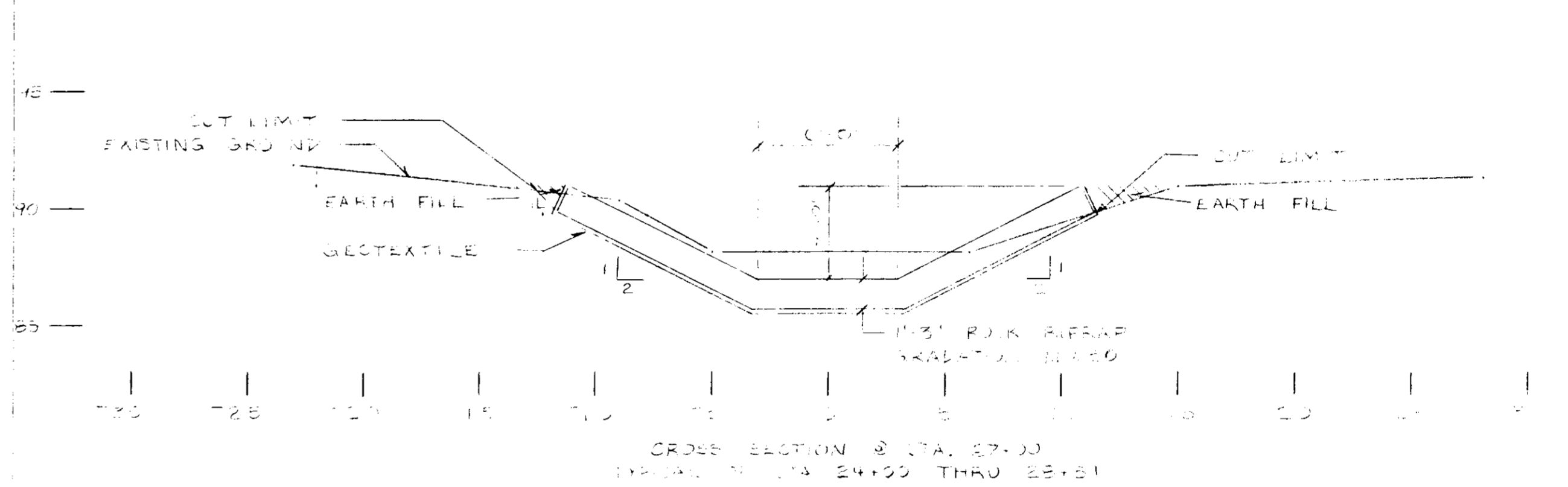
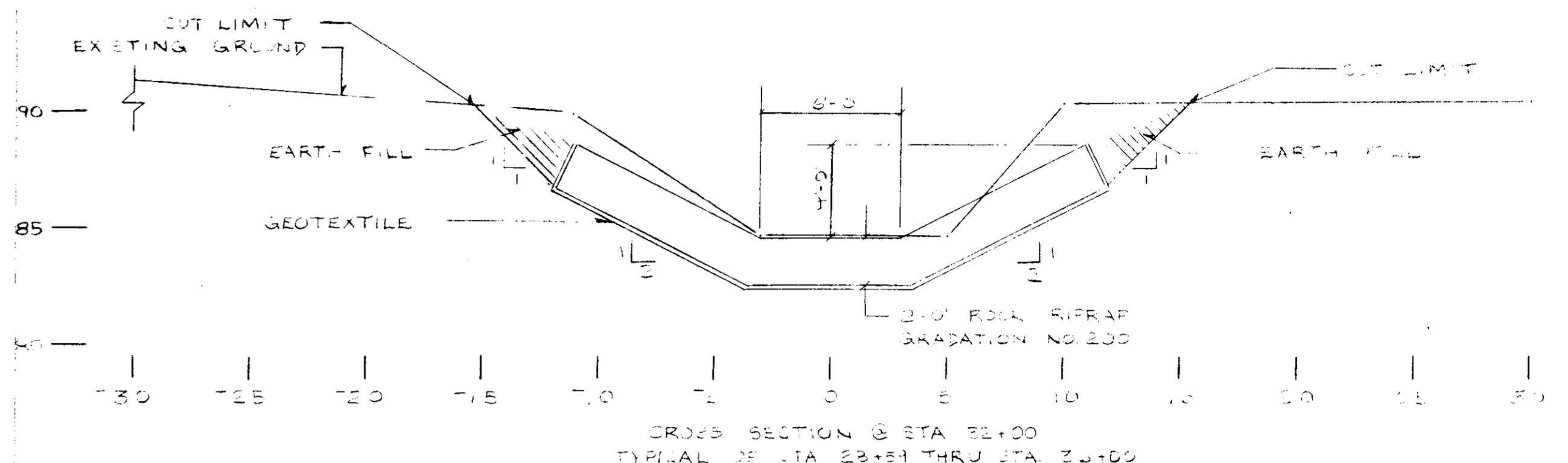
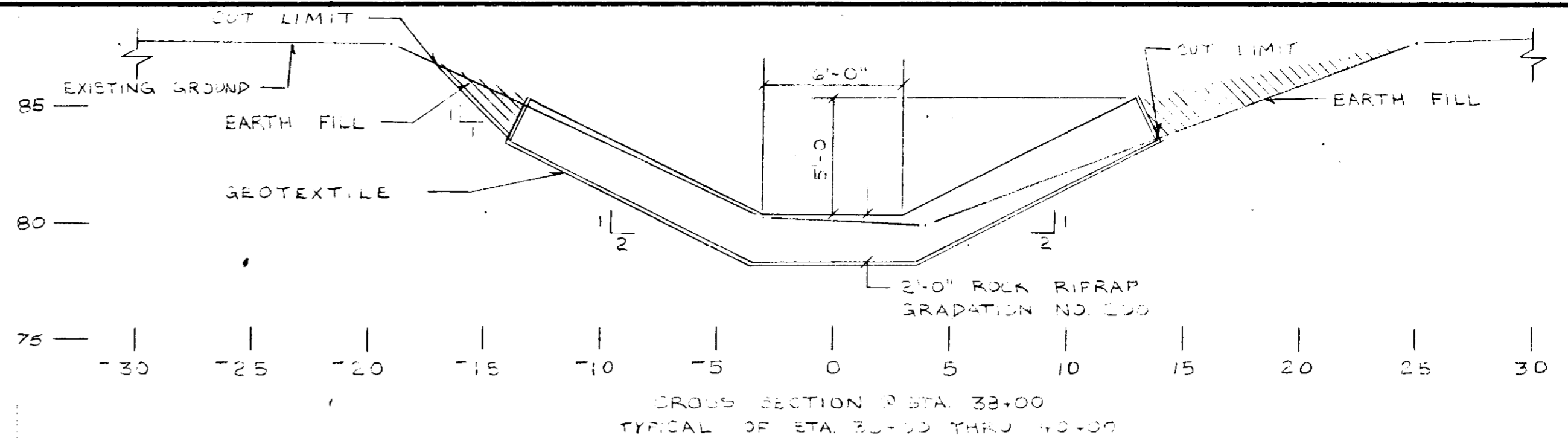
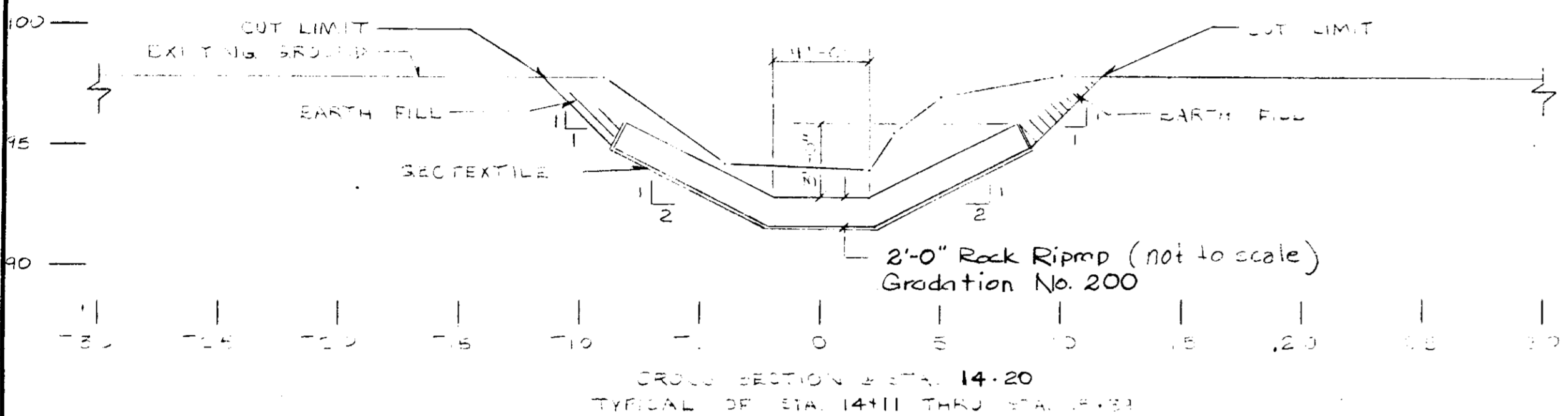
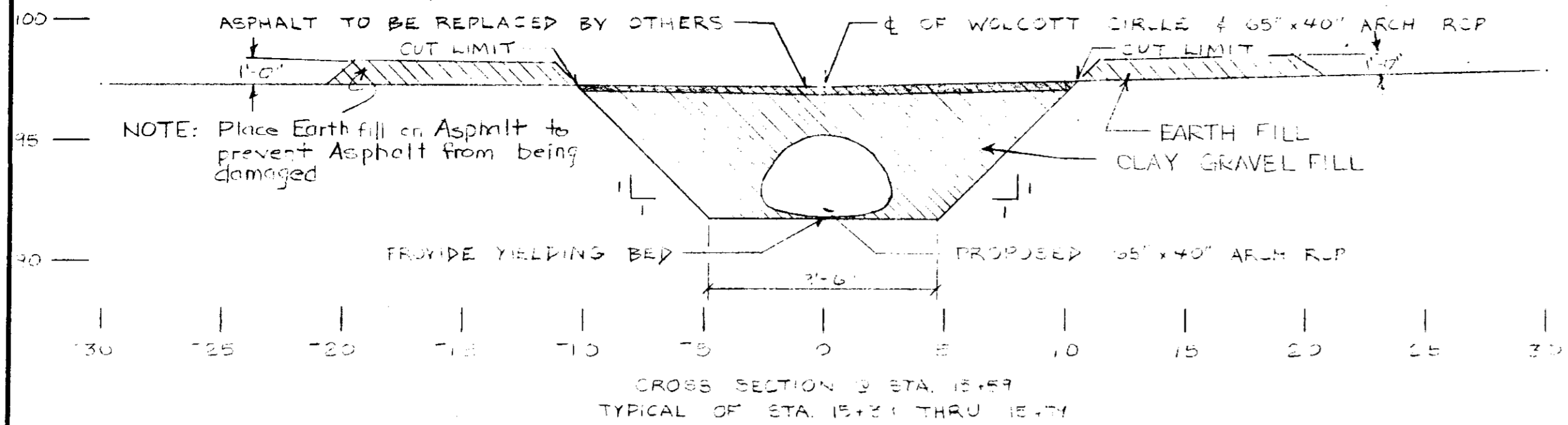


**WOLCOTT CIRCLE**  
 Emergency Watershed Project  
 City of Ridgeland  
 Madison County, Mississippi  
 Plan & Profile

**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

Designed	Date	Approved by
J.D. Harrison	8-88	
Drawn		Title
J.T. Michael	8-88	
Traced		Title
Checked		Sheet
Reginald K. Hand	10-88	No 12
		of 13

Drawing No. 6



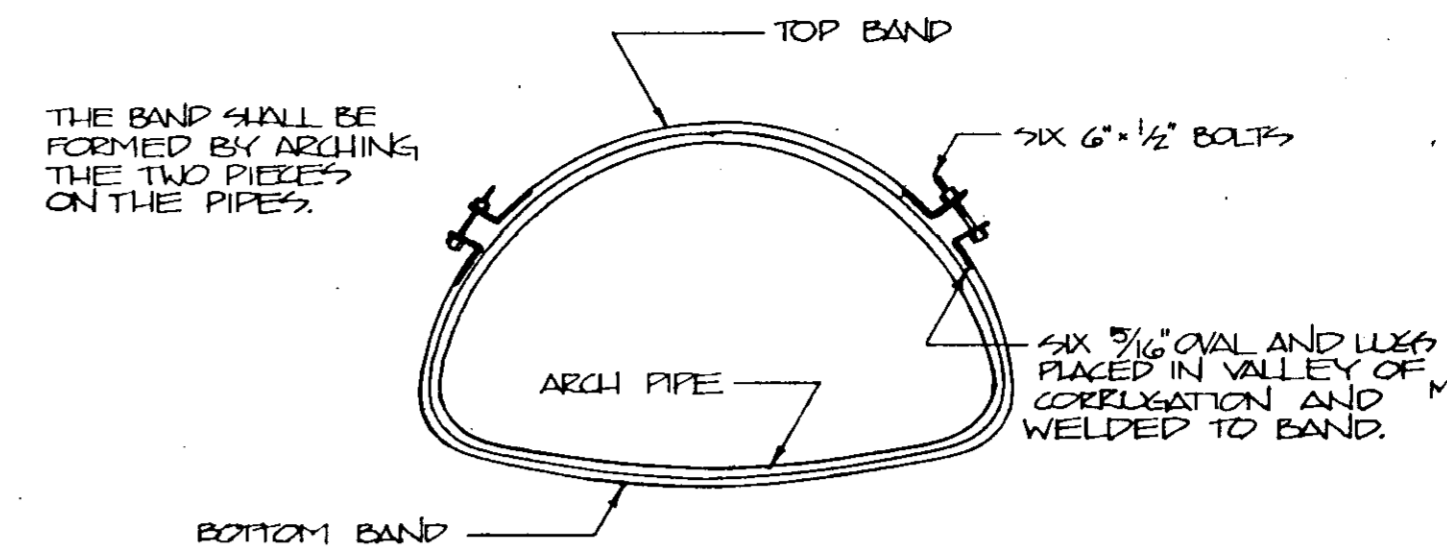
Revised	DATE	INITIALS
▲	11/21/88	JTM
▲	4/21/89	JTM
▲		
▲		
▲		
▲		
▲		

WOLCOTT CIRCLE  
EMERGING WATERBENCH PROJECT  
CITY OF RIDGELAND  
MADEON COUNTY, MISSISSIPPI  
TYPICAL SECTIONS

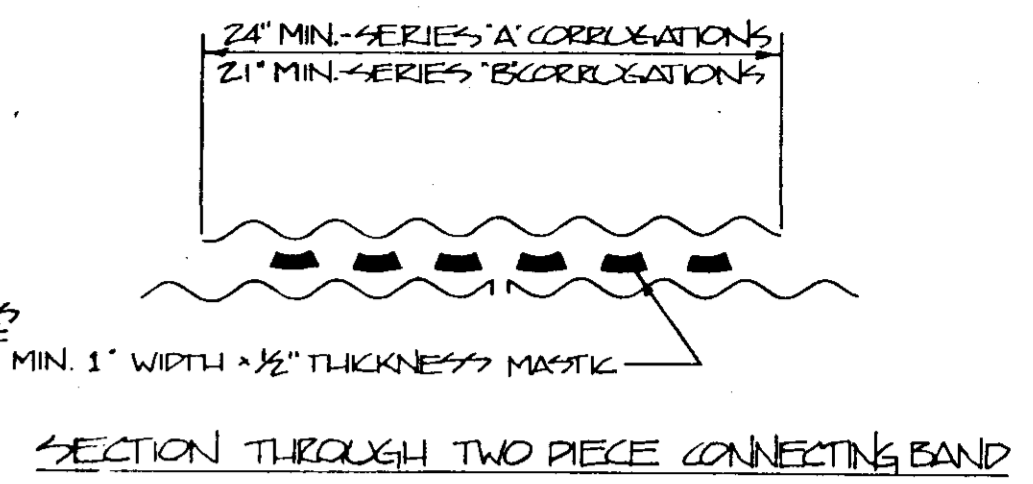
U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

Designed by	Date	Approved by
Drawn by	Date	Title
Traced	Date	Title
	Sheet No. 13	Drawing No.
	of 14	

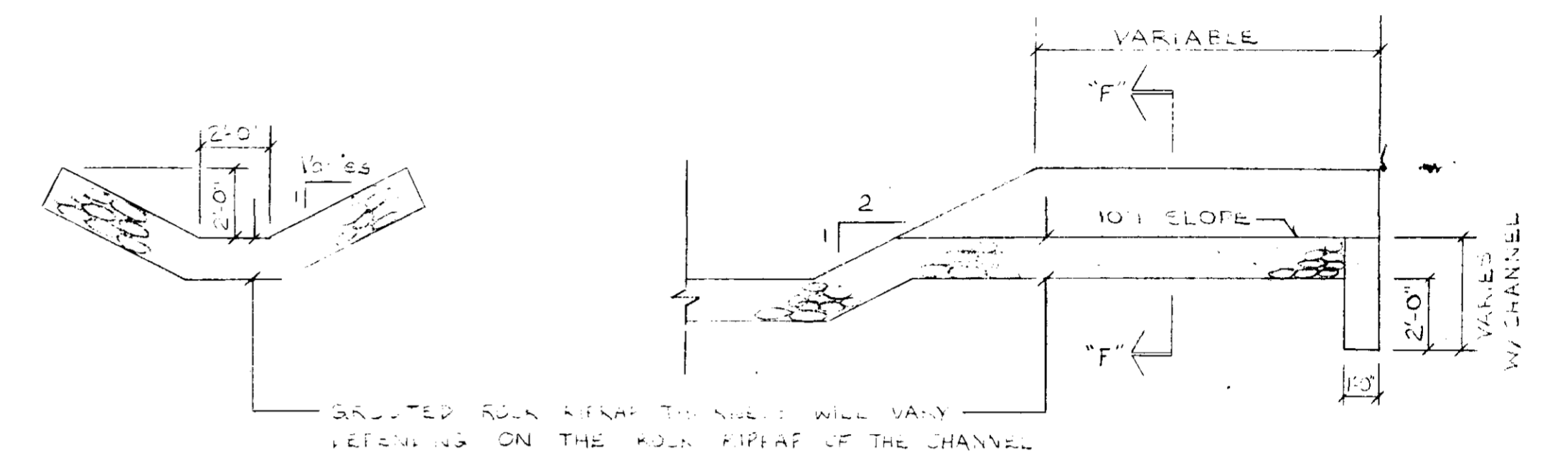
10-88



DETAILS OF TWO PIECE CONNECTING BAND FOR ARCH PIPE



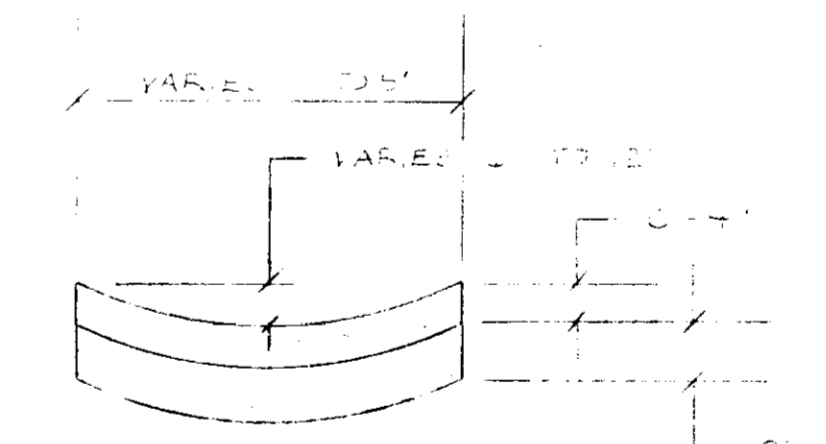
NOTE: END CORRUGATIONS AND BAND CORRUGATIONS SHALL BE THE SAME AS THOSE SPECIFIED FOR PIPE.



SECTION 'F-F'

GRouted ROCK RIPRAP INLET DETAIL

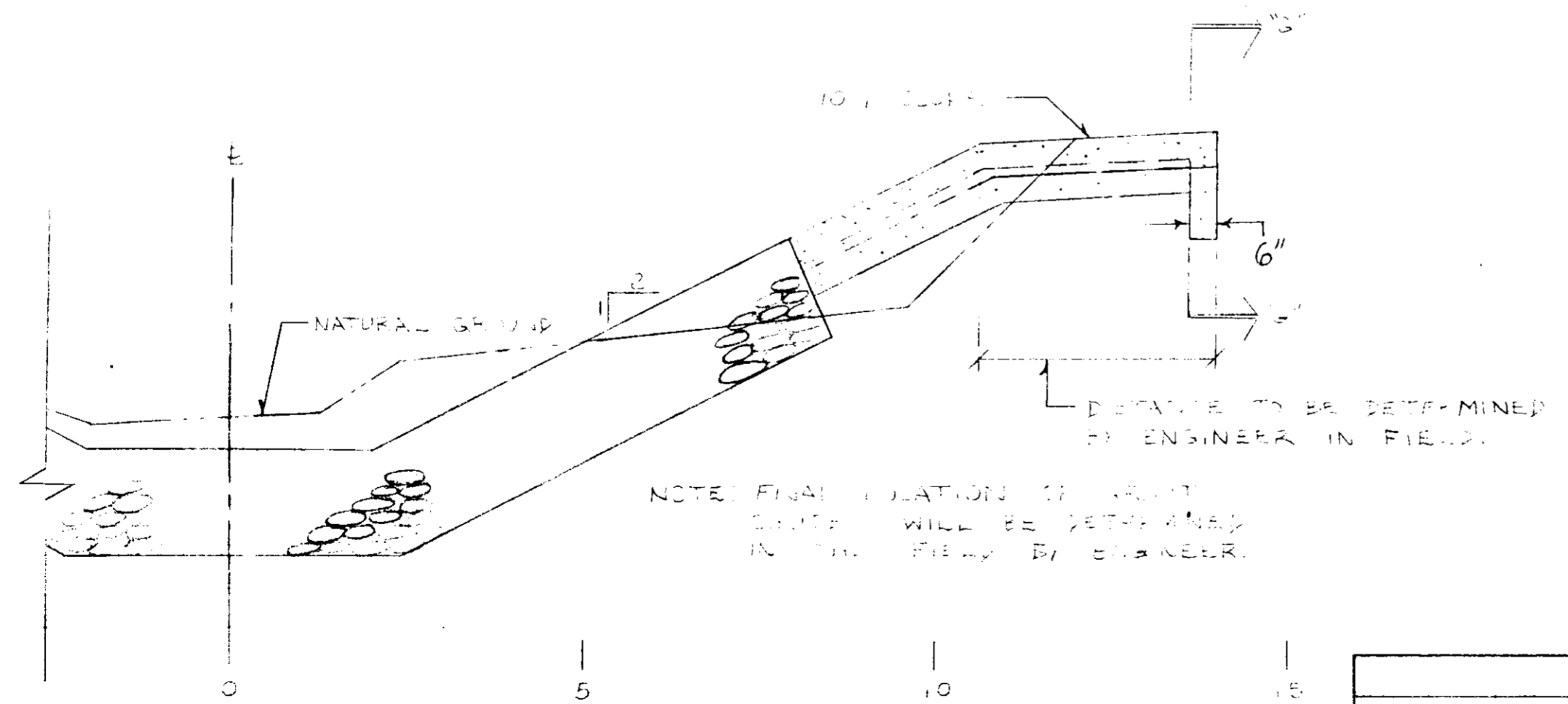
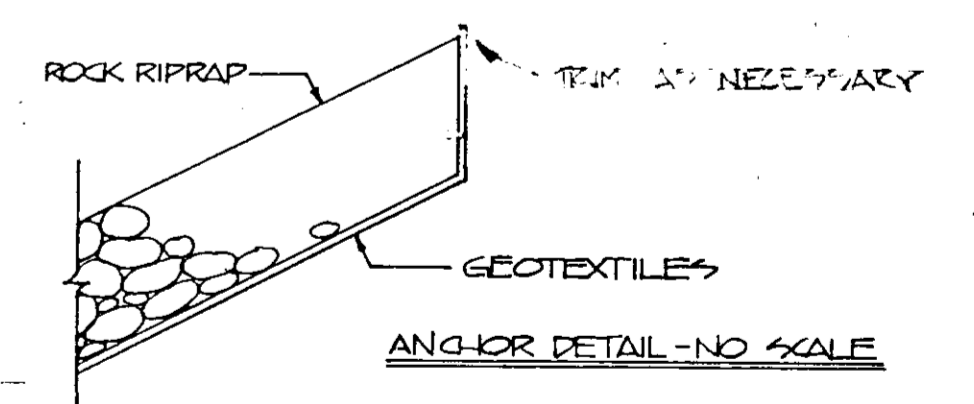
NOTE: Chutes with Rock Riprap Gradation No. 200, grout to top of Rock Riprap.  
Chutes with Rock Riprap Gradation No. 50, grout only Bottom Width to Toe.



SECTION 'G-G'

GRout CHUTE

NOTE: ADDITIONAL GROUT CHUTES SHALL BE INSTALLED AS NEEDED TO PROVIDE ADEQUATE VAD DRAINAGE.



ROCK RIPRAP SIZE CHART			
GRADATION NO. 200		GRADATION NO. 50	
STONE WEIGHT (POUNDS)	CUMULATIVE % LIGHTER BY WEIGHT	STONE WEIGHT (POUNDS)	CUMULATIVE % LIGHTER BY WEIGHT
200	100	50	100
80	50-100	20	50-100
40	15-50	10	15-50
10	0-15	5	0-15

NOTE: Spalls and rock dust that will pass a 3" sieve shall not consist of more than 5% by weight.

REVISION	DATE	STATUS
1	11/21/00	JTM
2	4/21/09	JTM
3		
4		
5		

WOLCOTT CIRCLE  
EMERGENCY WATERSHED PROJECT  
CITY OF RIDGELAND  
MADISON COUNTY, MISSISSIPPI  
DETAILS

U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

Designed by J. D. HARRIS, N. E. L. Title  
Drawn by J. C. HARRIS, N. E. L. Title  
Traced by J. C. HARRIS, N. E. L. Title  
Checked by J. C. HARRIS, N. E. L. Title

Date: 10-08  
Sheet: 10-08  
Drawing No.: