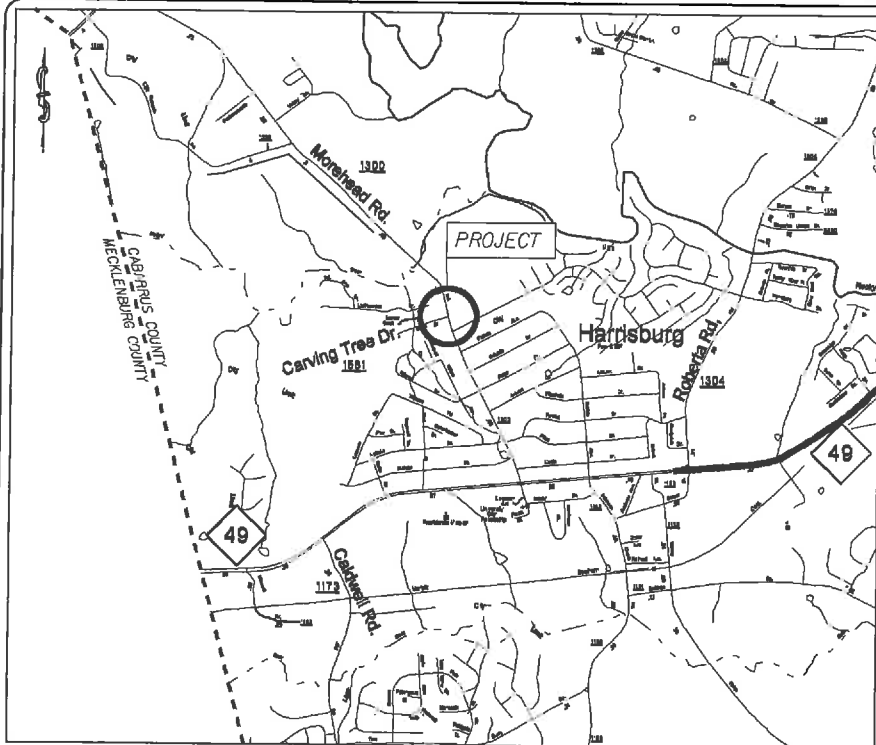


PROJECT: 43815 TIP:

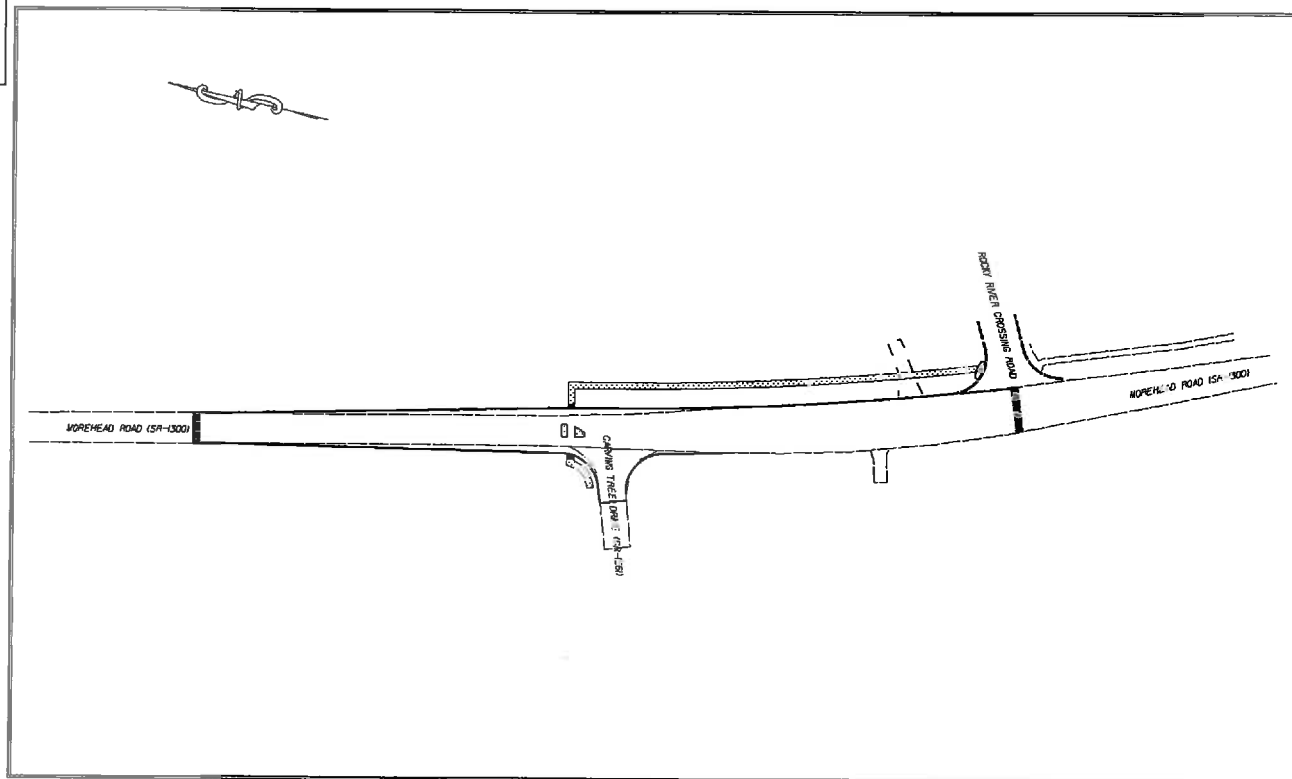


VICINITY MAP NOT TO SCALE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CABARRUS COUNTY

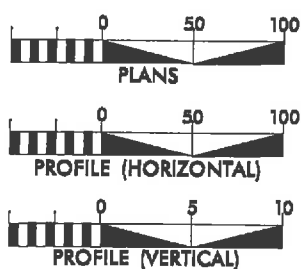
LOCATION: INTERSECTION OF MOREHEAD ROAD. (SR-1300) AND CARVING TREE DRIVE. (SR-1561)

TYPE OF WORK: GRADING, PAVING, DRAINAGE, MILLING, CONCRETE ISLANDS & THERMOPLASTIC PAVEMENT MARKINGS



STATE	STATE PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
N.C.	43815	1	
STATE FILING	P.L. NUMBER	DESCRIPTION	
		P.E.	
		R/W	
		CONST.	

GRAPHIC SCALES



DESIGN DATA

ADT =
ADT =
DHV = %
D = %
T = %
V = MPH

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT = 0.19 MILES
TOTAL LENGTH OF STATE PROJECT = 0.19 MILES

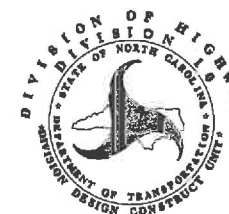
Prepared In the Office of:
DIVISION OF HIGHWAYS
DIVISION TEN
DIVISION DESIGN / CONSTRUCT UNIT

RIGHT OF WAY DATE:

RANDY BOWERS
PROJECT ENGINEER

LETTING DATE:
May 28, 2014

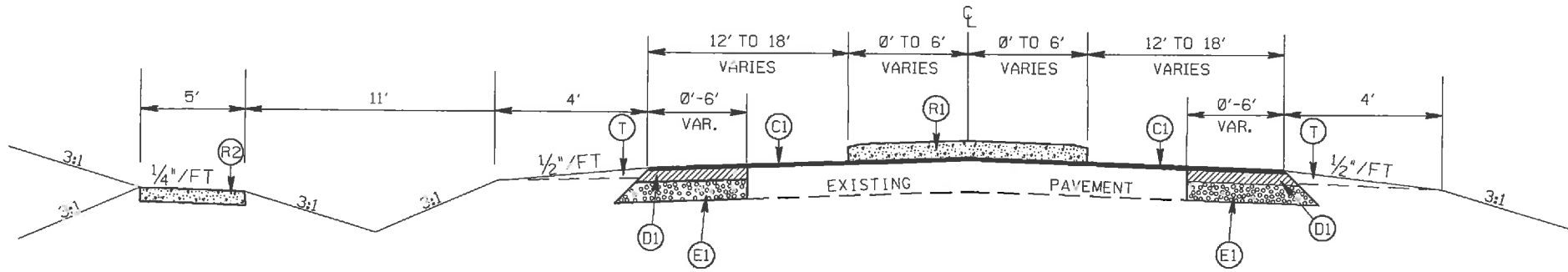
TERRY BURLESON
PROJECT DESIGN ENGINEER



DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

APPROVED BY _____ DATE _____
EDC ENGINEER

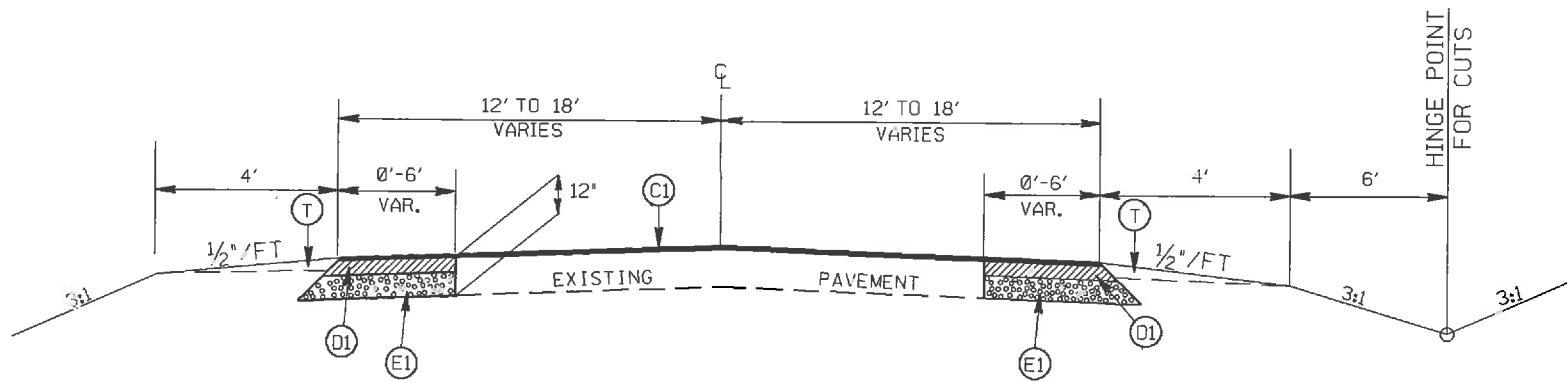
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N.C.	43815	2	
F.A. PROJECT NO.			



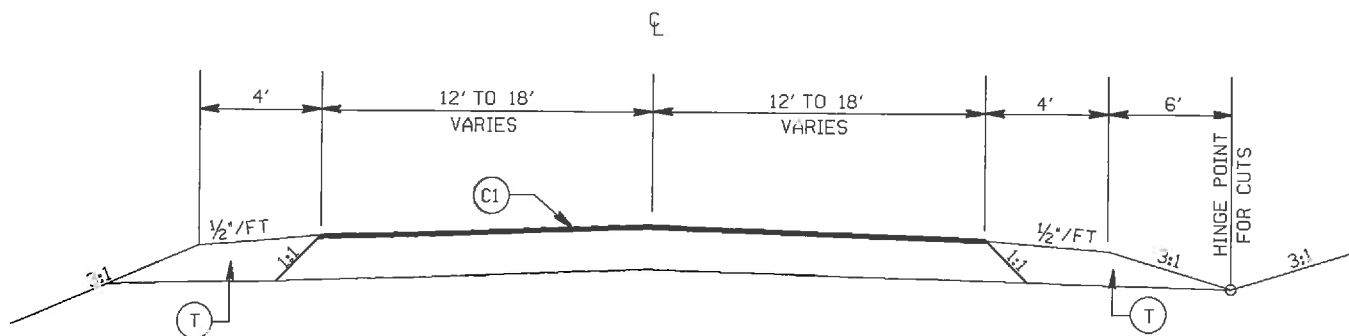
TYPICAL SECTION NO. 3
STA. 14+26.50 TO 14+45.11 -L-

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1 1/2" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(D1)	PROP. APPROX. 2.5" ASPHALT CONC. BINDER COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 5.5" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
(R1)	PROP. 5' MONOLITHIC ISLAND
(R2)	PROP. 4" THICK 5' WIDE CONC. SIDEWALK
(T)	EARTH MATERIAL



TYPICAL SECTION NO. 2
STA. 11+56.50 TO 14+26.50 -L-

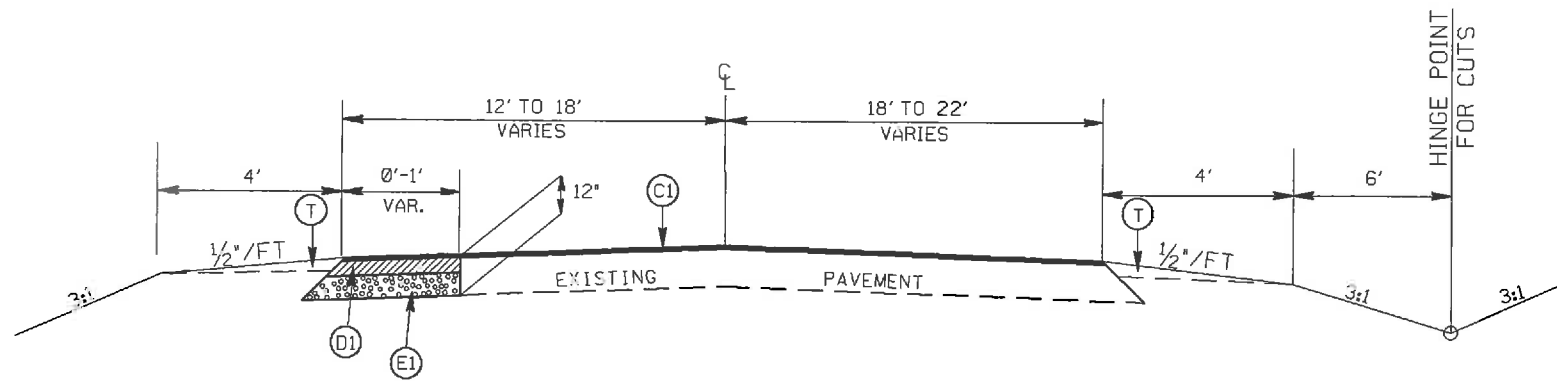


TYPICAL SECTION NO. 1
STA. 11+31.50 TO 11+56.50 -L-
STA. 17+45.22 TO 17+94.20 -L-

WIDENING AT THE INTERSECTION OF
MOREHEAD RD. (SR-1300) AND
CARVING TREE DR. (SRJ561)

SCALE	1"=50'		REVISIONS
DATE	5-13		
DWG. BY	JDH		
DESIGN BY	JDH		
APPROVED	RVB		

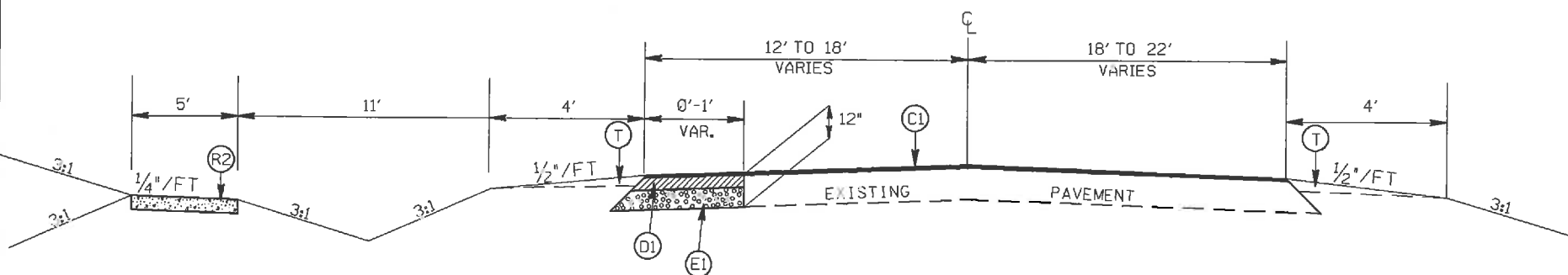
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	43815	2A	
F.A. PROJECT NO.			



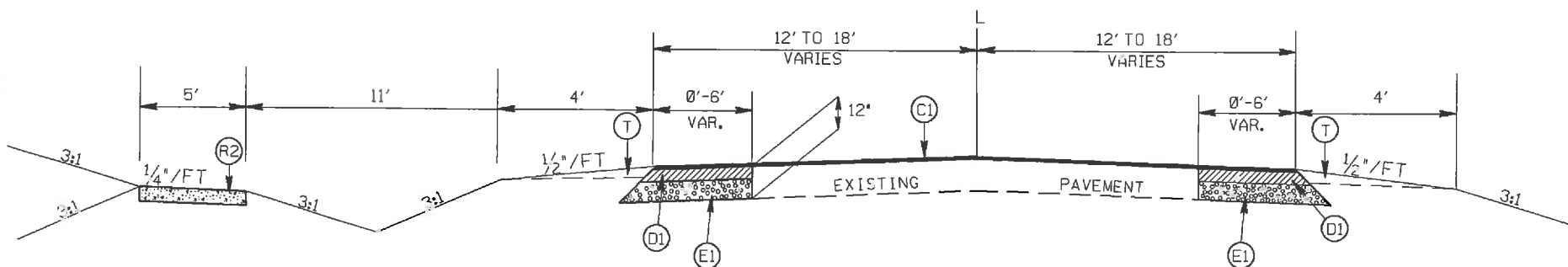
TYPICAL SECTION NO. 6
STA. 15+64.94 TO 17+45.22 -L-

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1½" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(D1)	PROP. APPROX. 2.5" ASPHALT CONC. BINDER COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
(E1)	PROP. APPROX. 5.5" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.
(R1)	PROP. 5" MONOLITHIC ISLAND
(R2)	PROP. 4" THICK 5' WIDE CONC. SIDEWALK
(T)	EARTH MATERIAL



TYPICAL SECTION NO. 5
STA. 15+64.94 TO 17+45.22 -L-



TYPICAL SECTION NO. 4
STA. 14+45.11 TO 15+64.94 -L-

WIDENING AT THE INTERSECTION OF
MOREHEAD RD. (SR-1300) AND
CARVING TREE DR. (SR-1561)

SCALE	1"=50'
DATE	5-13
DWG. BY	JDH
DESIGN BY	JDH
APPROVED	FWB



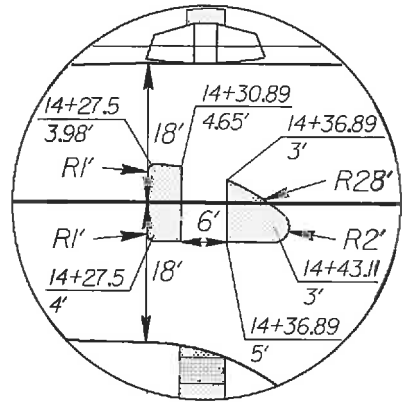
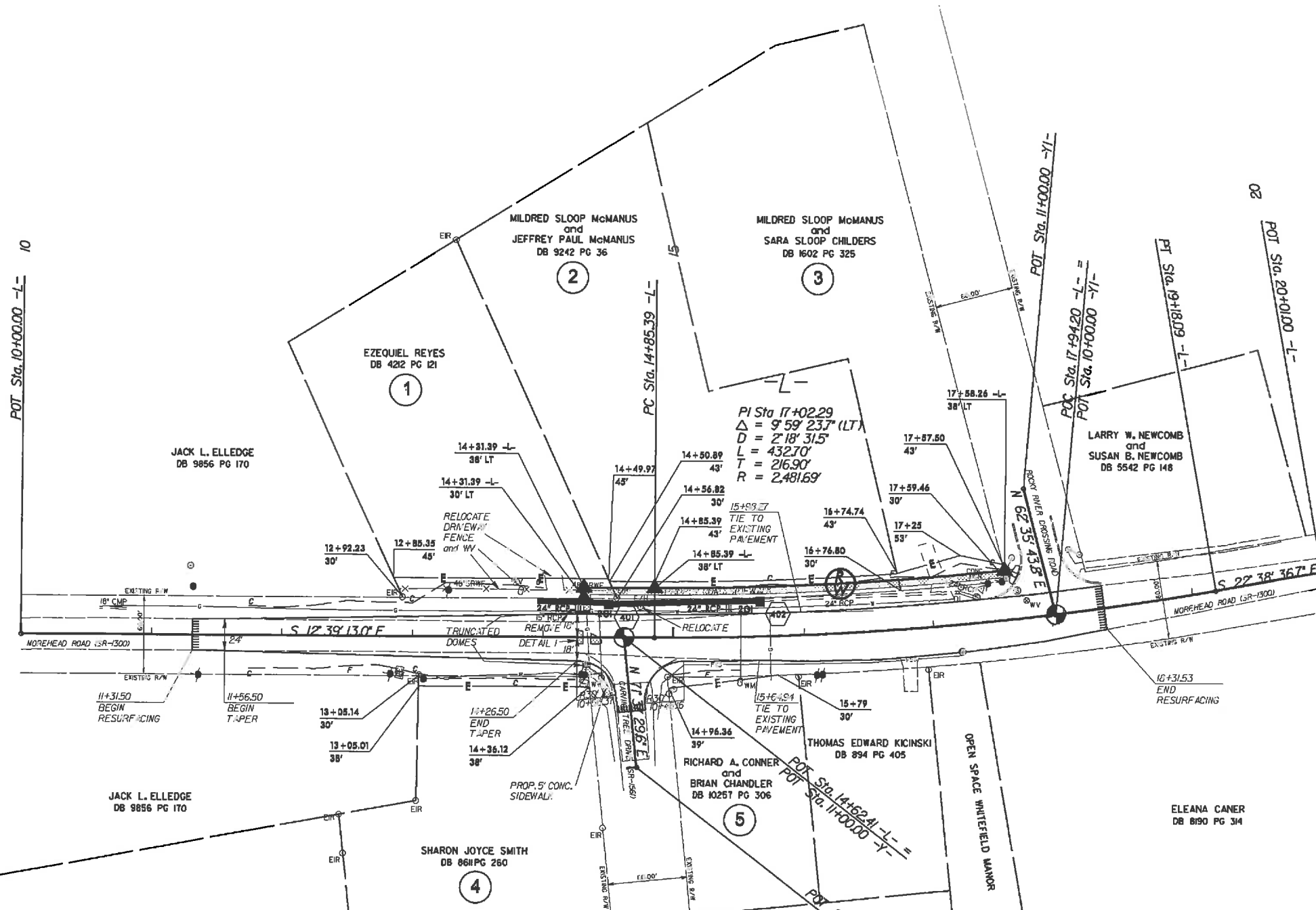
REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	43815	4	
F.A. PROJECT NO.			

NOTE: INCIDENTAL MILL APPROXIMATELY 25' AT EACH TIE IN TO PROVIDE A SMOOTH TRANSITION TO THE EXISTING ASPHALT PAVEMENT.

FROM STATION 11+31.50 TO 13+00 -L- LEFT SIDE USE A 3' SHOULDER WITH 2:1 SIDE SLOPES FOR DITCHES.

AT STATION 13+00 -L- RIGHT SIDE USE A 2:1 SIDE SLOPES FOR DITCHES TO GET AROUND ELECTRICAL BOXES.



DETAIL 1

WIDENING AT THE INTERSECTION OF
MOREHEAD RD.(SR-1300) AND
CARVING TREE DR.(SR-1561)

SCALE	1"=50'		REVISIONS
DATE	5-13		
DWG. BY	JDH		
DESIGN BY	JDH		
APPROVED	RWB		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	43815	PMP-1	
F.A. PROJECT NO.			

PAVEMENT MARKING SCHEDULE

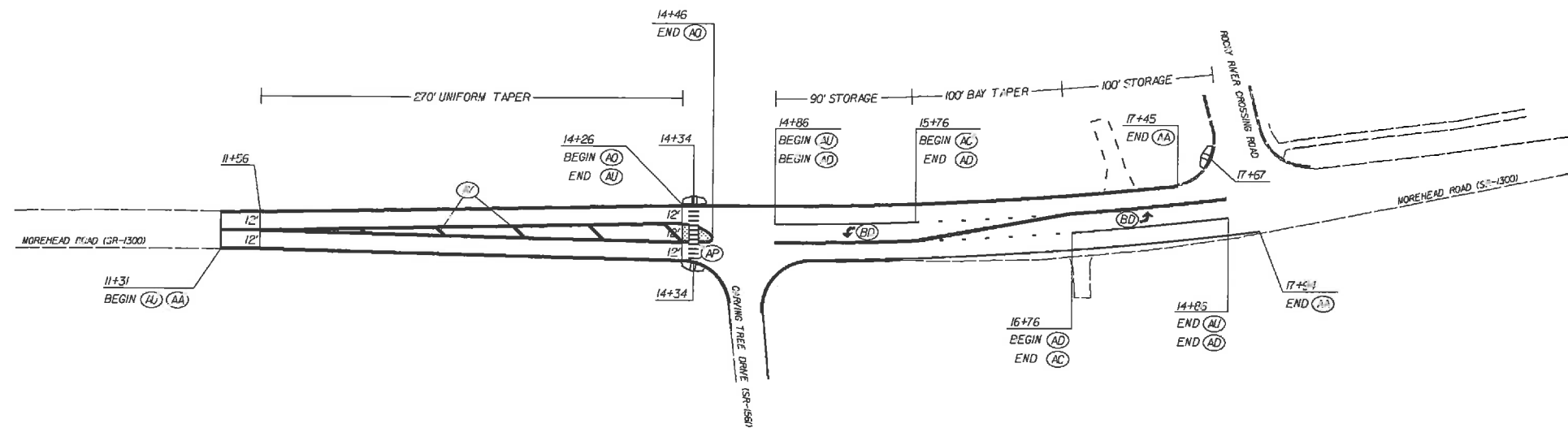
<u>PAY ITEM</u>	<u>DESCRIPTION</u>
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PAVEMENT MARKING LINES

AA - THERMOPLASTIC (4" WHITE, 90 MILS)	EDGELINE
AB - THERMOPLASTIC (4" WHITE, 120 MILS)	4" X 10' SKIP
AC - THERMOPLASTIC (4" WHITE, 120 MILS)	4" X 2' MINISKIP
AD - THERMOPLASTIC (4" WHITE, 120 MILS)	SOLID LANE LINE
AH - THERMOPLASTIC (8" WHITE, 90 MILS)	EDGELINE
AI - THERMOPLASTIC (8" WHITE, 90 MILS)	GORELINE
AJ - THERMOPLASTIC (8" WHITE, 90 MILS)	DIAGONALS
AN - THERMOPLASTIC (12" WHITE, 120 MILS)	12" X 3' MINISKIP W/3' GAP (ENTRANCE LINE)
AO - THERMOPLASTIC (24" WHITE, 120 MILS)	STOP BAR
AP - THERMOPLASTIC (24" WHITE, 120 MILS)	CROSSWALK LINE
AQ - THERMOPLASTIC (4" YELLOW, 90 MILS)	EDGELINE
AR - THERMOPLASTIC (4" YELLOW, 120 MILS)	4" X 10' SKIP
AS - THERMOPLASTIC (4" YELLOW, 120 MILS)	4" X 2' MINISKIP
AT - THERMOPLASTIC (4" YELLOW, 120 MILS)	SINGLE CENTER LINE
AU - THERMOPLASTIC (4" YELLOW, 120 MILS)	DOUBLE CENTER LINE
AV - THERMOPLASTIC (12" YELLOW, 90 MILS)	DIAGONALS
AX - THERMOPLASTIC (16" YELLOW, 90 MILS)	EDGELINE

PAVEMENT MARKING SYMBOLS

BA - THERMOPLASTIC (RAILROAD, "RXR", 120 MILS)
BB - THERMOPLASTIC ('SCHOOL', 120 MILS)
BC - THERMOPLASTIC ('ONLY', 120 MILS)
BD - THERMOPLASTIC (LEFT TURN ARROW, 90 MILS)
BE - THERMOPLASTIC (RIGHT TURN ARROW, 90 MILS)
BF - THERMOPLASTIC (STRAIGHT ARROW, 90 MILS)
BG - THERMOPLASTIC (YIELD LINE, WHITE, 120 MILS 24" BASE)
BH - THERMOPLASTIC (COMBINATION STRAIGHT & RIGHT ARROW, 90 MILS)
BK - THERMOPLASTIC (RAMP ARROW, 90 MILS)
BM - THERMOPLASTIC ('STOP', 120 MILS)
BT - THERMOPLASTIC (U-TURN ARROW, 90 MILS)
BU - THERMOPLASTIC (COMBINATION STRAIGHT & LEFT FISHHOOK ARROW, 90 MILS)
BV - THERMOPLASTIC (COMBINATION STRAIGHT, RIGHT & LEFT FISHHOOK ARROW, 90 MILS)



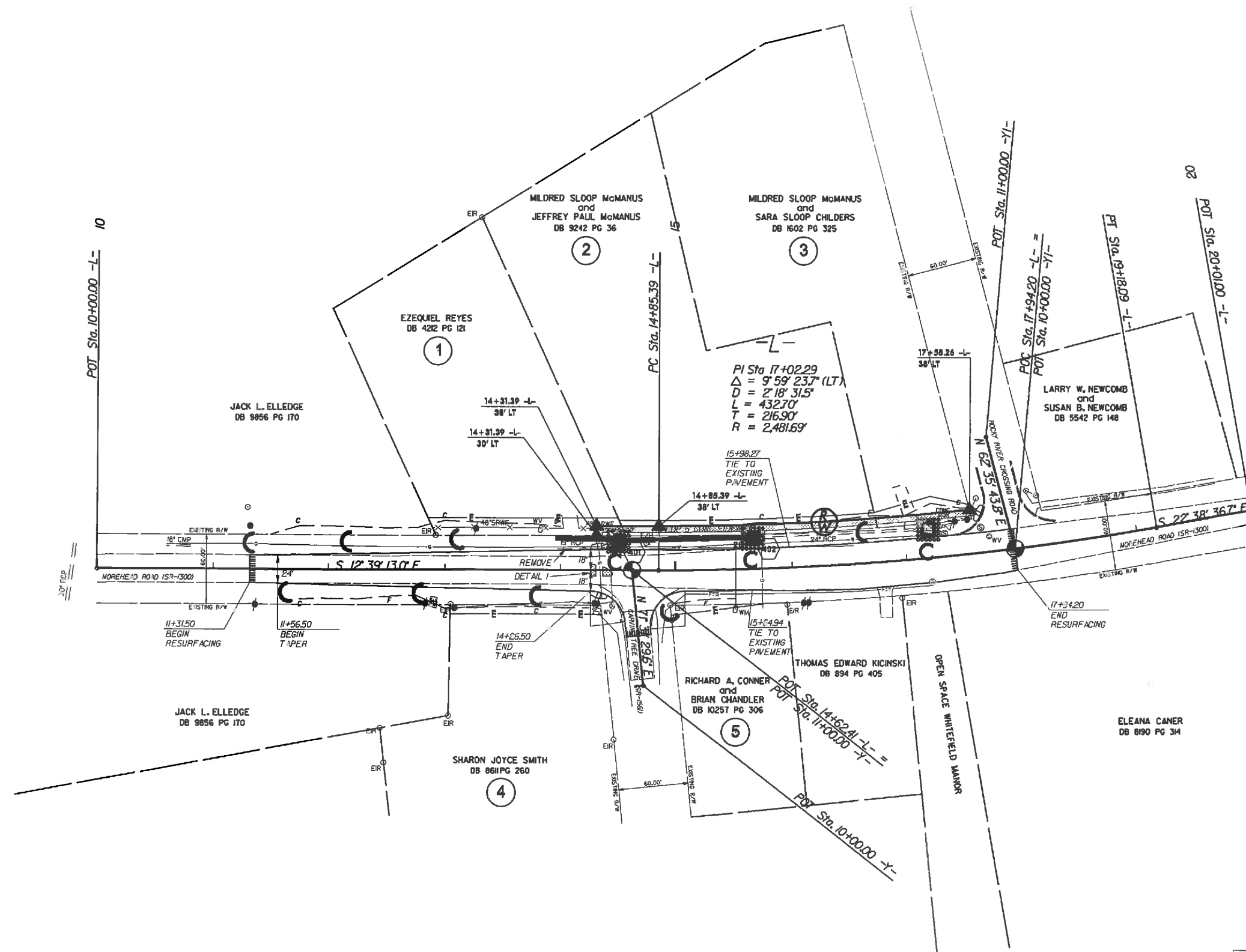
WIDENING AT THE INTERSECTION OF
MOREHEAD RD.(SR-1300) AND
CARVING TREE DR.(SR-1561)

SCALE	1"=50'
DATE	4-13
DWG. BY	JDH
DESIGN BY	JDH
APPROVED	RWB




REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	4315	EC-2	
F.A. PROJECT NO.			



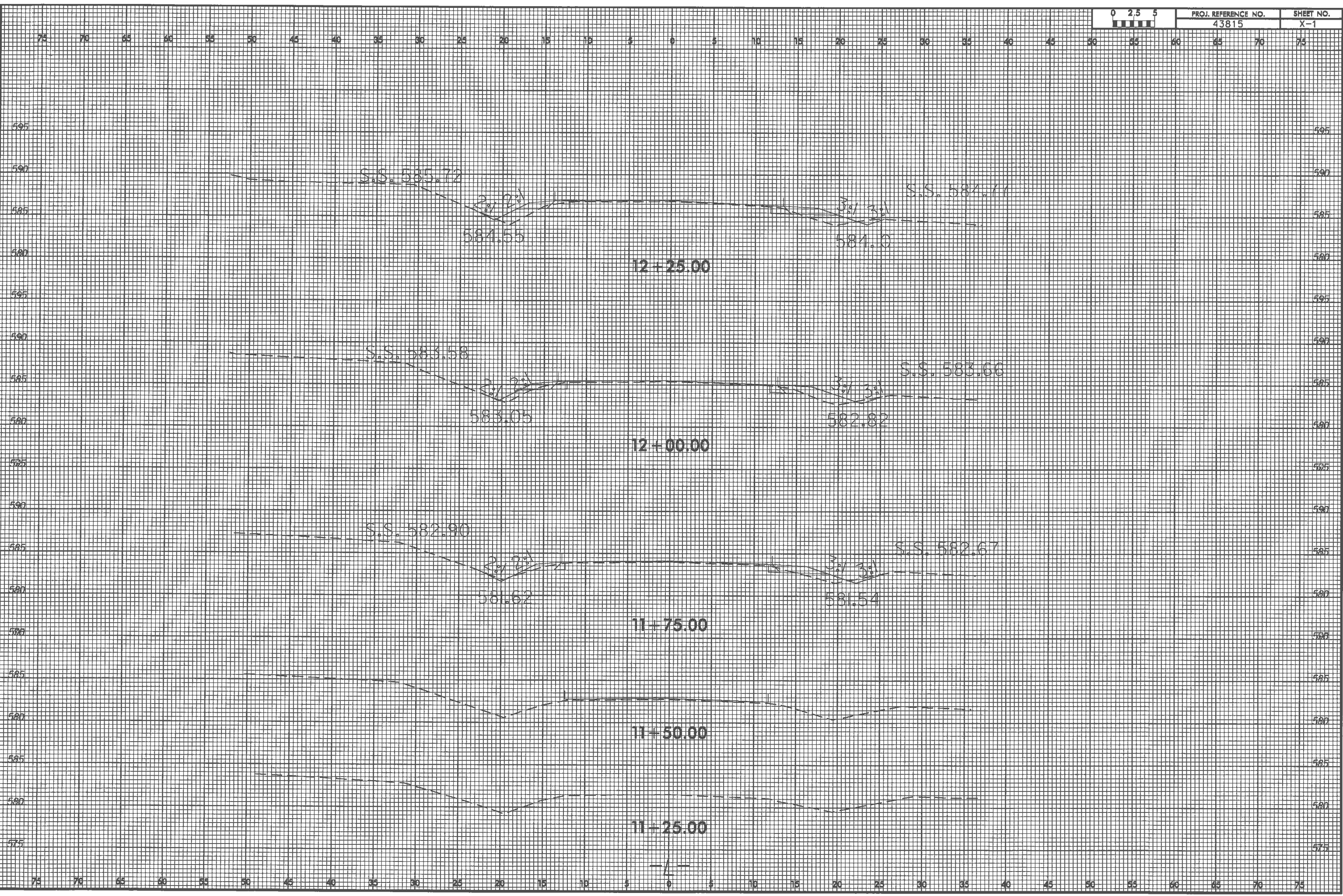
WIDENING AT THE INTERSECTION OF
MOREHEAD RD.(SR-1300) AND
CARVING TREE DR.(SR-1561)

SCALE	1"=50'		REVISIONS
DATE	5-13		
DWG. BY	JDH		
DESIGN BY	JDH		
APPROVED	RWB		

8/23/99



PROJ. REFERENCE NO.	SHEET NO.
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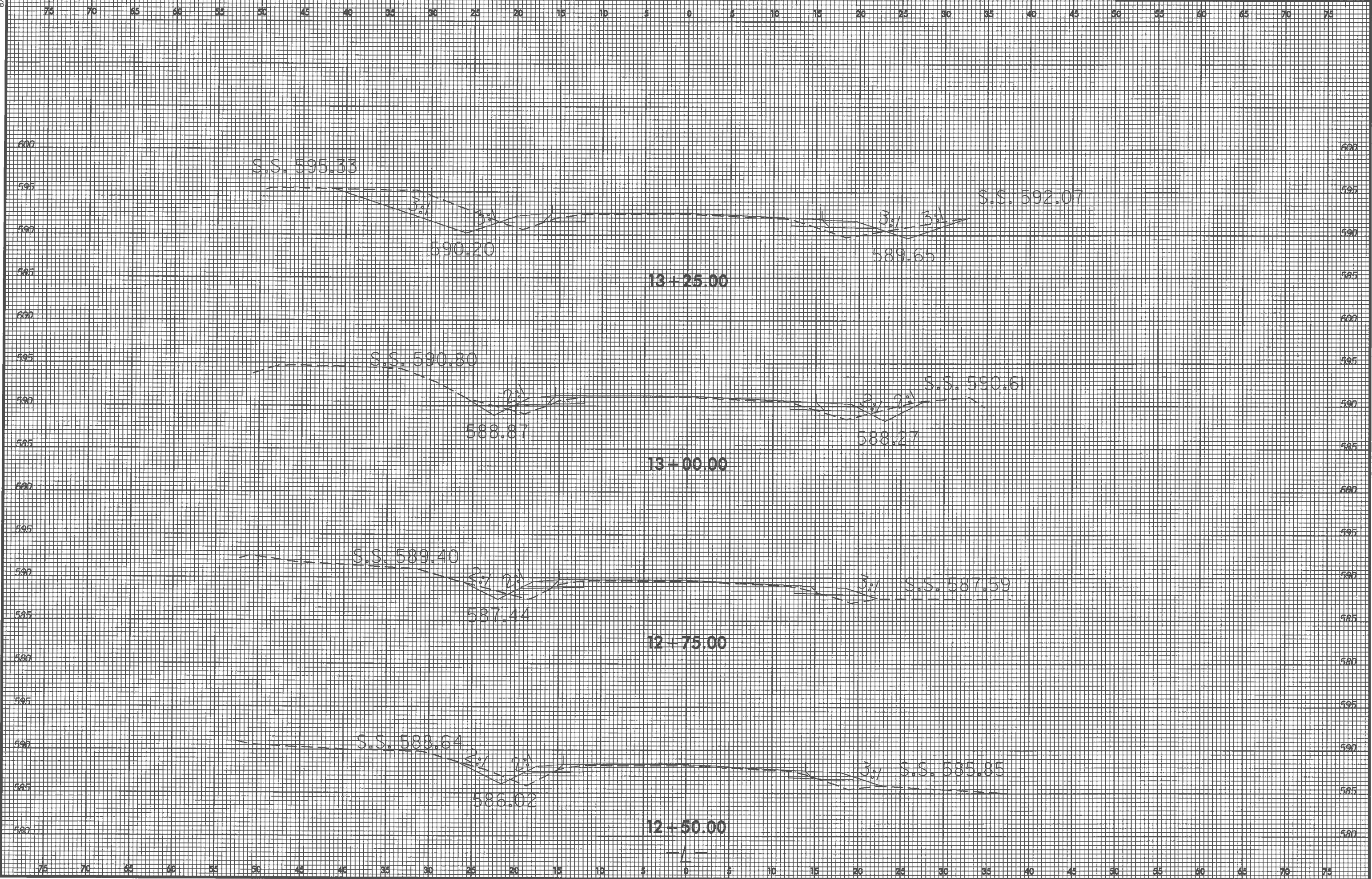


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8/23/99



PROJ. REFERENCE NO.	SHEET NO.
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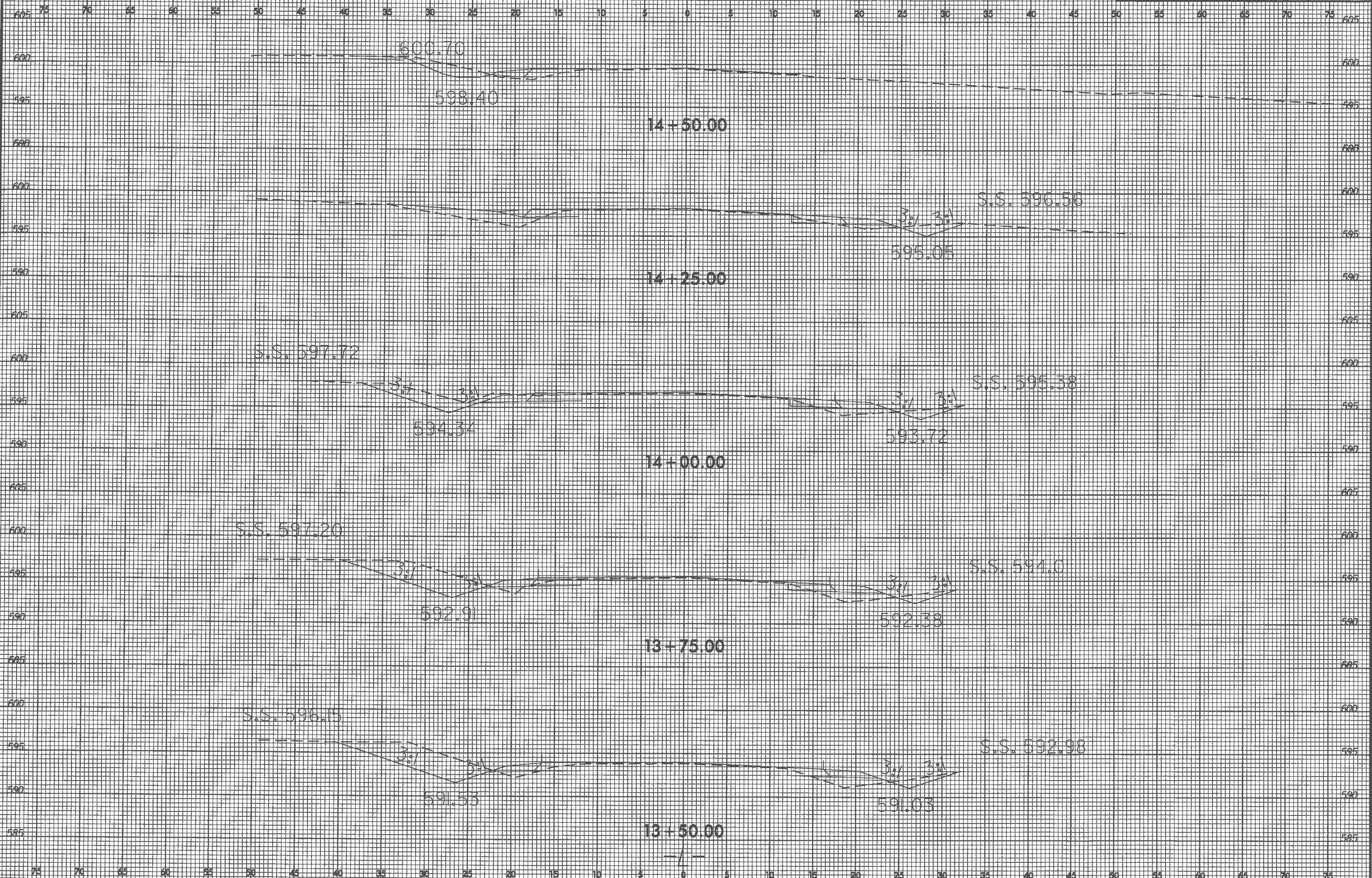
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8/23/99



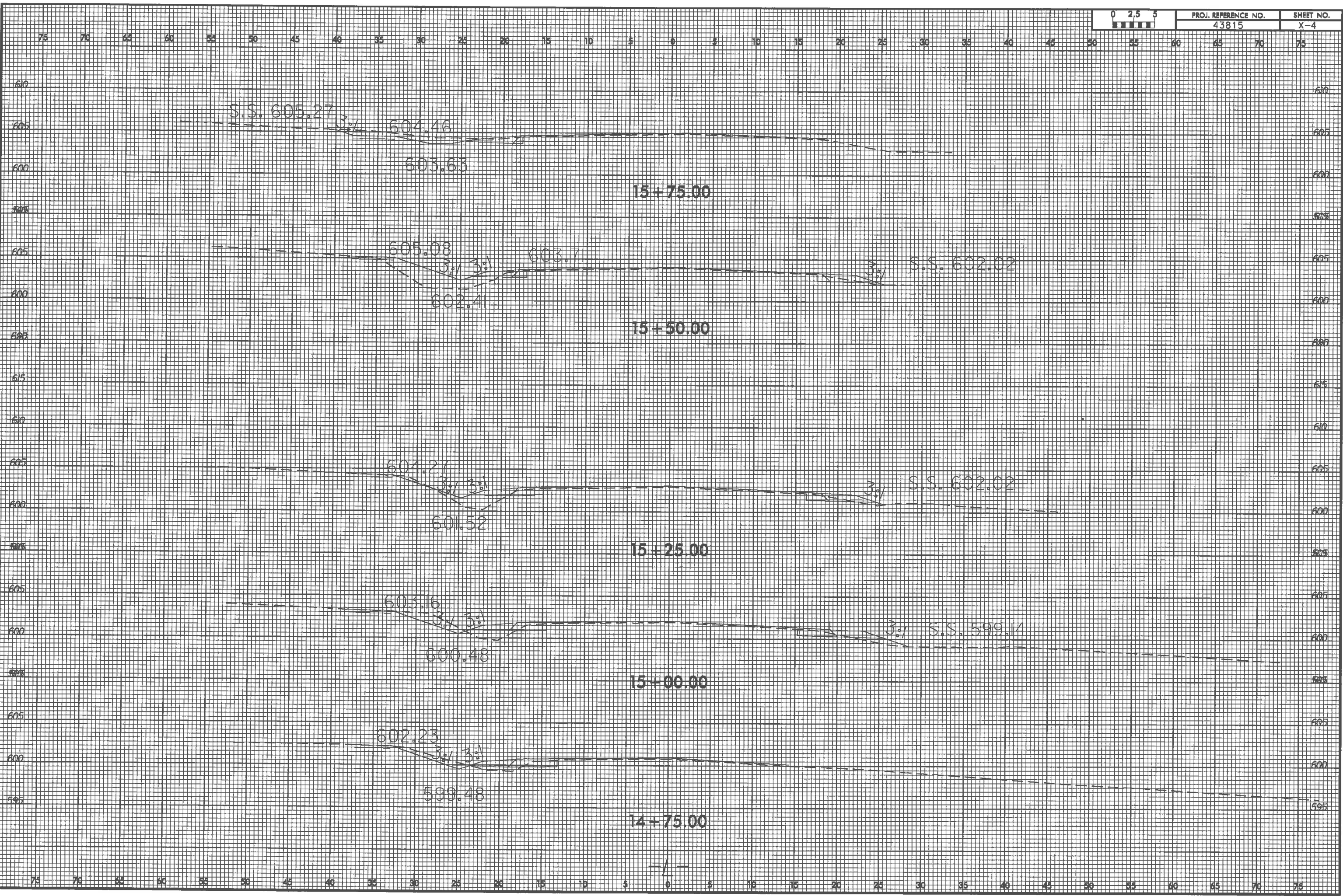
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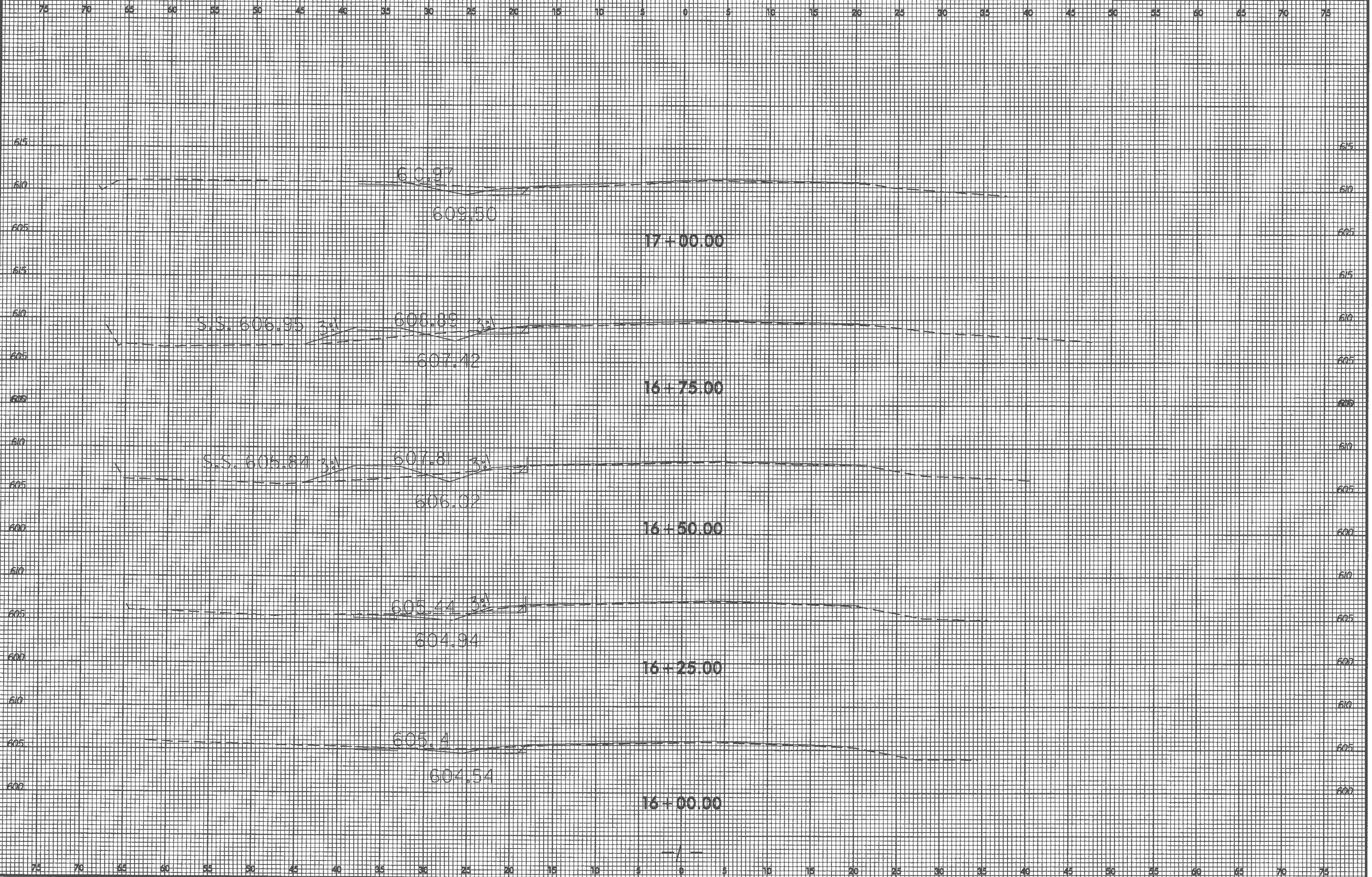


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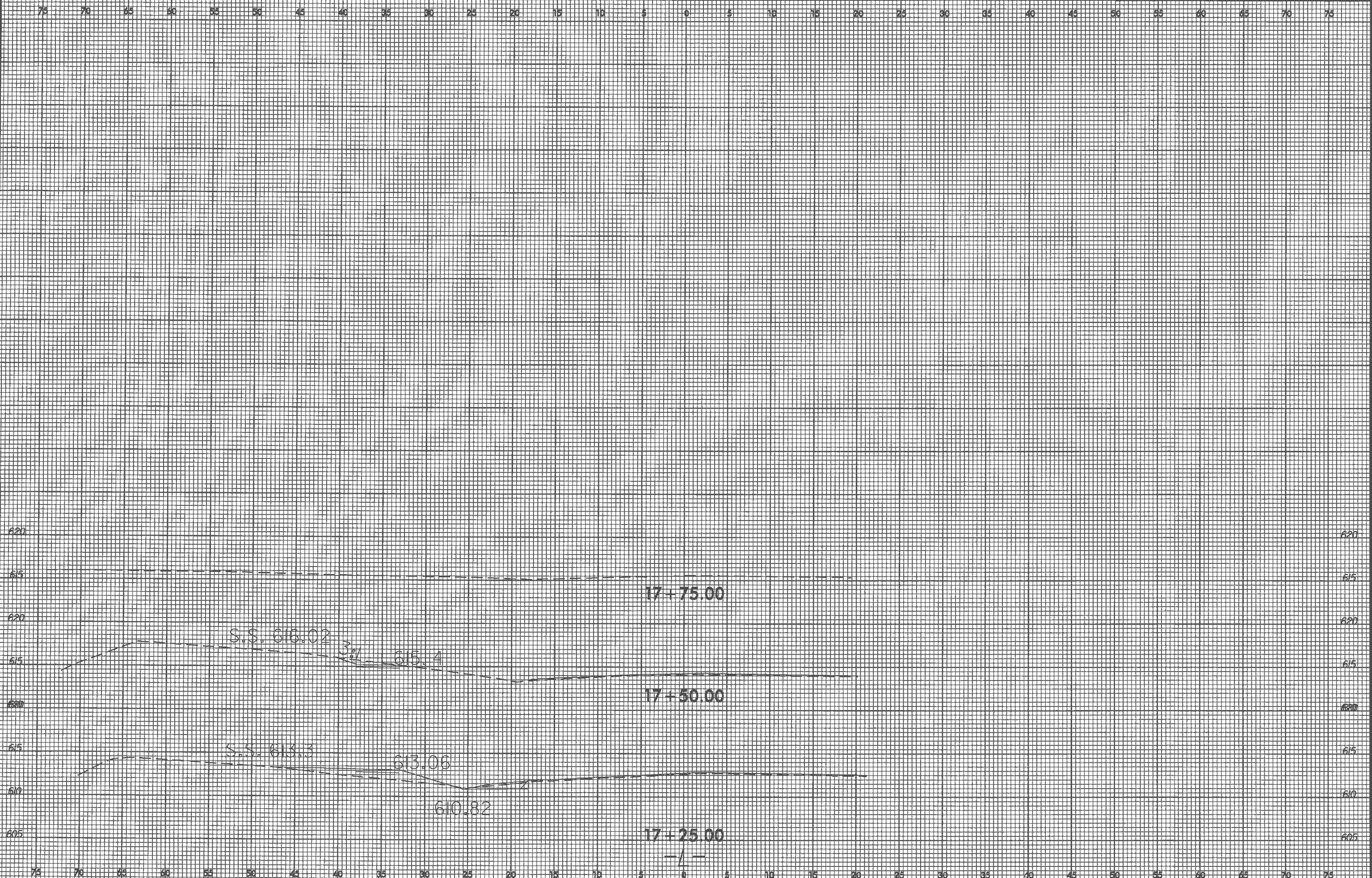
8/23/99



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8/23/99



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