

R-4749 WBS 39318 - GRADING, PAVING, DRAINAGE AND PAVEMENT MARKINGS ON NC 43 IN PITT COUNTY FROM PALADIN DRIVE TO THE EDGECOMBE COUNTY LINE.

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	----- ○ EP
Property Corner	----- ◻
Property Monument	----- ◻
Parcel/Sequence Number	----- (23)
Existing Fence Line	----- x x x
Proposed Woven Wire Fence	----- ○
Proposed Chain Link Fence	----- ◻
Proposed Barbed Wire Fence	----- ◊
Existing Wetland Boundary	----- WLS
Proposed Wetland Boundary	----- WLS
Existing High Quality Wetland Boundary	----- HQ WLS
Existing Endangered Animal Boundary	----- EAB
Existing Endangered Plant Boundary	----- EPB

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or UG Tank Cap	----- ○
Sign	----- ○
Well	----- ○
Small Mine	----- ✕
Foundation	----- ◻
Area Outline	----- ◻
Cemetery	----- ◻
Building	----- ◻
School	----- ◻
Church	----- ◻
Dam	----- ◻

HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	-----
River Basin Buffer	----- RBB
Flow Arrow	----- ←
Disappearing Stream	-----
Spring	----- ○
Swamp Marsh	----- *
Proposed Lateral, Tail, Head Ditch	-----
False Sump	----- ◊

RAILROADS:

Standard Gauge	-----
RR Signal Milepost	----- ○ MILEPOST 35
Switch	----- ◻ SWITCH
RR Abandoned	-----
RR Dismantled	-----

RIGHT OF WAY:

Baseline Control Point	----- ◻
Existing Right of Way Marker	----- △
Existing Right of Way Line	-----
Proposed Right of Way Line	-----
Proposed Right of Way Line with Iron Pin and Cap Marker	-----
Proposed Right of Way Line with Concrete or Granite Marker	-----
Existing Control of Access	-----
Proposed Control of Access	-----
Existing Easement Line	----- E
Proposed Temporary Construction Easement	----- E
Proposed Temporary Drainage Easement	----- TDE
Proposed Permanent Drainage Easement	----- PDE
Proposed Permanent Utility Easement	----- PUE

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	----- C
Proposed Slope Stakes Fill	----- F
Proposed Wheel Chair Ramp	----- WCR
Curb Cut for Future Wheel Chair Ramp	----- CCFR
Existing Metal Guardrail	-----
Proposed Guardrail	-----
Existing Cable Guiderail	-----
Proposed Cable Guiderail	-----
Equality Symbol	-----
Pavement Removal	-----

VEGETATION:

Single Tree	----- *
Single Shrub	----- *
Hedge	-----
Woods Line	-----
Orchard	-----
Vineyard	----- Vineyard

EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	----- CONC
Bridge Wing Wall, Head Wall and End Wall	-----) CONC WW (
MINOR:	
Head and End Wall	----- CONC HW
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	----- ◻ CB
Paved Ditch Gutter	-----
Storm Sewer Manhole	----- ○
Storm Sewer	-----

UTILITIES:

POWER:	
Existing Power Pole	----- ●
Proposed Power Pole	----- ○
Existing Joint Use Pole	----- ●
Proposed Joint Use Pole	----- ○
Power Manhole	----- ○
Power Line Tower	----- ✕
Power Transformer	----- ◻
UG Power Cable Hand Hole	----- ◻
H-Frame Pole	----- ●
Recorded UG Power Line	-----
Designated UG Power Line (S.U.E.*)	-----

TELEPHONE:

Existing Telephone Pole	----- ●
Proposed Telephone Pole	----- ○
Telephone Manhole	----- ○
Telephone Booth	----- ◻
Telephone Pedestal	----- ◻
Telephone Cell Tower	-----
UG Telephone Cable Hand Hole	----- ◻
Recorded UG Telephone Cable	-----
Designated UG Telephone Cable (S.U.E.*)	-----
Recorded UG Telephone Conduit	----- TC
Designated UG Telephone Conduit (S.U.E.*)	----- TC
Recorded UG Fiber Optics Cable	----- T FO
Designated UG Fiber Optics Cable (S.U.E.*)	----- T FO

WATER:

Water Manhole	----- ○
Water Meter	----- ○
Water Valve	----- ⊗
Water Hydrant	----- ⊕
Recorded UG Water Line	-----
Designated UG Water Line (S.U.E.*)	-----
Above Ground Water Line	----- A/G Water

TV:

TV Satellite Dish	-----
TV Pedestal	----- ◻
TV Tower	----- ⊗
UG TV Cable Hand Hole	----- ◻
Recorded UG TV Cable	----- TV
Designated UG TV Cable (S.U.E.*)	----- TV
Recorded UG Fiber Optic Cable	----- TV FO
Designated UG Fiber Optic Cable (S.U.E.*)	----- TV FO

GAS:

Gas Valve	----- ◊
Gas Meter	----- ◊
Recorded UG Gas Line	-----
Designated UG Gas Line (S.U.E.*)	-----
Above Ground Gas Line	----- A/G Gas

SANITARY SEWER:

Sanitary Sewer Manhole	----- ⊕
Sanitary Sewer Cleanout	----- ⊕
UG Sanitary Sewer Line	----- SS
Above Ground Sanitary Sewer	----- A/G Sanitary Sewer
Recorded SS Forced Main Line	----- FSS
Designated SS Forced Main Line (S.U.E.*)	----- FSS

MISCELLANEOUS:

Utility Pole	----- ●
Utility Pole with Base	----- ◻
Utility Located Object	----- ○
Utility Traffic Signal Box	----- ◻
Utility Unknown UG Line	----- ?UL
UG Tank; Water, Gas, Oil	----- ◻
A/G Tank; Water, Gas, Oil	----- ◻
UG Test Hole (S.U.E.*)	----- ⊕
Abandoned According to Utility Records	----- AATUR
End of Information	----- E.O.I.

PROJECT NO.	SHEET NO.	TOTAL NO.
39318	2	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP NO	LENGTH MI	WIDTH FT	SUPPL. CLEARING AND GRUBBING ACRE	GRADING LS	SHOULDER RECONSTRUCTION SMI	0" TO 3" MILLING SY	INCIDENTAL MILLING SY	BASE COURSE, B25.0B TONS	INTERMEDIATE COURSE, I19.0B TONS	SURFACE COURSE, S9.5B TONS	PG 64-22 PLANT MIX TONS	PATCHING EXISTING PAVEMENT TONS	EROSION CONTROL STONE, CL-B TON	SEED & MULCHING AC	
39318	Pitt	1	NC43	FROM END CURB(PALADIN DR) TO US 264	1	1.0	28			2.0					1,525	91				
		2	NC43	US 264 TO SR 1202	2	0.8	28			1.6					2,075	1,220	171	25		3.00
		3	NC43	FROM SR 1202 0.4 MILES(SEE PLANS)	2	0.4	40	*	LS				600	900	1,479	870	160	50		1.50
		4	NC43	FROM 0.4 MI NW OF SR 1202 TO AARON CIRCLE	3	0.7	28			1.4				569	1,816	1,067	174	25		2.50
		5	NC43	FROM AARON CIRCLE TO BLUE BANKS FARM RD(SEE PLANS)	2	0.2	40	*	LS					457	740	435	80	25	20	0.80
		6	NC43	FROM BLUE BANKS FARM RD TO O.1 MI S OF NC121	3	2.3	28			4.6				1,868	5,966	3,507	571	200		8.30
		7	NC43	FROM 0.1 MI S OF NC121 TO 0.1 MI N OR NC121(SEE PLANS)	4	0.2	40	*	LS					498	807	475	88	50		0.70
		8	NC43	FROM 0.1 MI N OR NC121 TO FALKLAND CITY LIMITS	3	2.1	28			4.2				933	5,447	3,202	488	220		7.50
		9	NC43	FROM FALKLAND CITY LIMITS TO 0.6 MILES	1	0.6	24			1.2						856	51			
		10	NC43		FROM END MAP 9 TO EDGEcombe CO. LINE	3	3.7	28			7.4	2667	600	3,006	10,000	5,641	938	100	40	13.50
TOTAL FOR PROJ NO. 39318						12		1	Lump Sum	22.4	2667	1200	8,231	28,330	18,798	2,812	695	60	37.80	
GRAND TOTAL						12		1	Lump Sum	22.4	2667	1200	8,231	28,330	18,798	2,812	695	60	37.80	

PROJECT NO.	SHEET NO.	TOTAL NO.
R-4749 (39318)	3	

SUMMARY OF DRAINAGE

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	15" SIDE DRAIN PIPE LF	PIPE COLLARS CY	FOUND. COND. MTRL, MINOR STRUC. TON	PIPE REMOVAL LF	METER OR VALVE BOX EA	PIPE ALTERNATE 1		PIPE ALTERNATE 2			PIPE ALTERNATE 3		
										15" RC PIPE CULVERT, CLASS III LF	24" RC PIPE CULVERTS, CLASS III LF	24" RC PIPE CULVERTS, CLASS III LF	15" HDPE PIPE CULVERTS LF	24" HDPE PIPE CULVERTS LF	24" RC PIPE CULVERTS, CLASS III LF	15" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 0.064" THICK LF	24" ALUMINIZED CORRUGATED STEEL PIPE CULVERTS, 0.064" THICK LF
39318	Pitt	1	NC43	FROM END CURB (PALDIN DR.) TO US 264					2								
		2	NC43	US 264 TO SR 1202													
		3	NC43	FROM SR 1202 0.4 MILES (SEE PLANS)	300	1	33	247			4			4		4	
		4	NC43	FROM 0.4 MI NW OF SR 1202 TO AARON CIRCLE													
		5	NC43	FROM AARON CIRCLE TO BLUE BANKS FARM RD(SEE PLANS)													
		6	NC43	FROM BLUE BANKS FARM RD TO 0.1 MI S OF NC121													
		7	NC43	FROM 0.1 MI S OF NC121 TO 0.1 MI N OF NC121(SEE PLANS)			18	167		40	128	128	40		128	40	
		8	NC43	FROM 0.1 MI N OF NC121 TO FALKLAND CITY LIMITS													
		9	NC43	FROM FALKLAND CITY LIMITS TO 0.6 MILES													
		10	NC43	FROM END MAP 9 TO EDGEcombe CO. LINE													
TOTAL FOR PROJ NO. 39318					300	1	51	414	2	40	132	128	40	4	128	40	4

PROJECT NO.	SHEET NO.	TOTAL NO.
39318	4	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	4430000000-E	4685000000-E	4686000000-E		4697000000-E	4697000000-E	4721000000-E	4725000000-E				4810000000-E		4820000000-E	4840000000-N		4845000000-N		4905000000-N
					DRUMS	4" X 90 M WHITE THERMO	4" X 120 M YELLOW THERMO	4" X 120 M WHITE THERMO	8" X 120 M YELLOW THERMO	8" X 120 M WHITE THERMO	THERMO MSG ONLY 120 M	THERMO LT ARROW 90 M	THERMO RT ARROW 90 M	THERMO STR ARROW 90 M	4" YELLOW PAINT	4" WHITE PAINT	8" YELLOW PAINT	PAINT MSG ONLY	PAINT LT ARROW	PAINT RT ARROW	PAINT STR ARROW	SNOW PLOWABLE MARKERS	
EA	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA		
39318	Pitt	1	NC43	FROM END CURB(PALADIN DR) TO US 264		10,560	10,560																
		2	NC43	US 264 TO SR 1202		8,500	8,500							8,500		1,200						110	
		3	NC43	FROM SR 1202 0.4 MILES(SEE PLANS)		4,500	6,500	500			16	5	5	6,500	5,000		32	5	5			140	
		4	NC43	FROM 0.4 MI NW OF SR 1202 TO AARON CIRCLE		7,400	6,620	150	100			2		6,600				2				100	
		5	NC43	FROM AARON CIRCLE TO BLUE BANKS FARM RD(SEE PLANS)	30	2,152	4,000	150	200			3		4,000	150			3				50	
		6	NC43	FROM BLUE BANKS FARM RD TO 0.1 MI S OF NC121		27,500	15,180							15,180								160	
		7	NC43	FROM 0.1 MI S OF NC121 TO 0.1 MI N OR NC121(SEE PLANS)	25	2,152	4,200	300	300			3	3	4,200	300			3	3	5		70	
		8	NC43	FROM 0.1 MI N OR NC121 TO FALKLAND CITY LIMITS		22,596	18,000	150	300			3		18,000	150			3				150	
		9	NC43	FROM FALKLAND CITY LIMITS TO 0.6 MILES		6,456	6,456			150												100	
		10	NC43	FROM END MAP 9 TO EDGEcombe CO. LINE		40,000	30,000							30,000								250	
TOTAL FOR PROJ NO. 39318					55	131,816	110,016	1,250	900	150	16	16	8	5	92,980	5,600	1,200	32	16	8	5	1,130	
							111,266					29		98,580			29						
GRAND TOTAL					55	131,816	110,016	1,250	900	150	16	16	8	5	92,980	5,600	1,200	32	16	8	5	1,130	
							111,266					29		98,580			29						

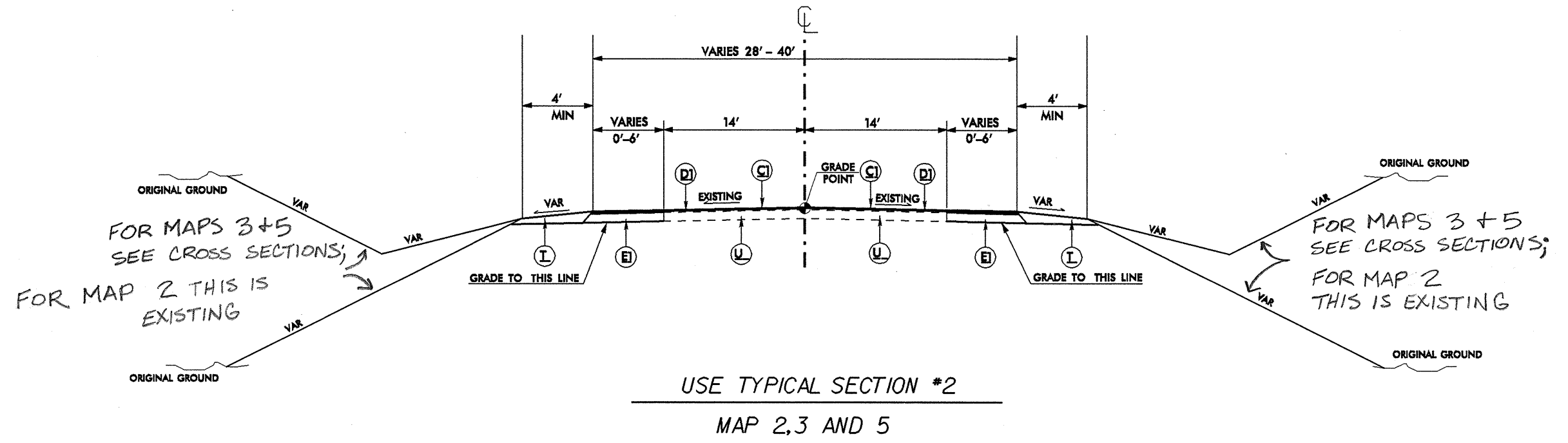
10/26/98

PROJECT REFERENCE NO. 39318	SHEET NO. 6
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" ASPHALT CONC. SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 188 LBS. PER SQ. YD.
D1	PROP. APPROX. 2½" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LB. PER SQ.YD.
E1	PROP. APPROX. 5" ASPHALT CONC. BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 870 LB. PER SQ.YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



SECTION

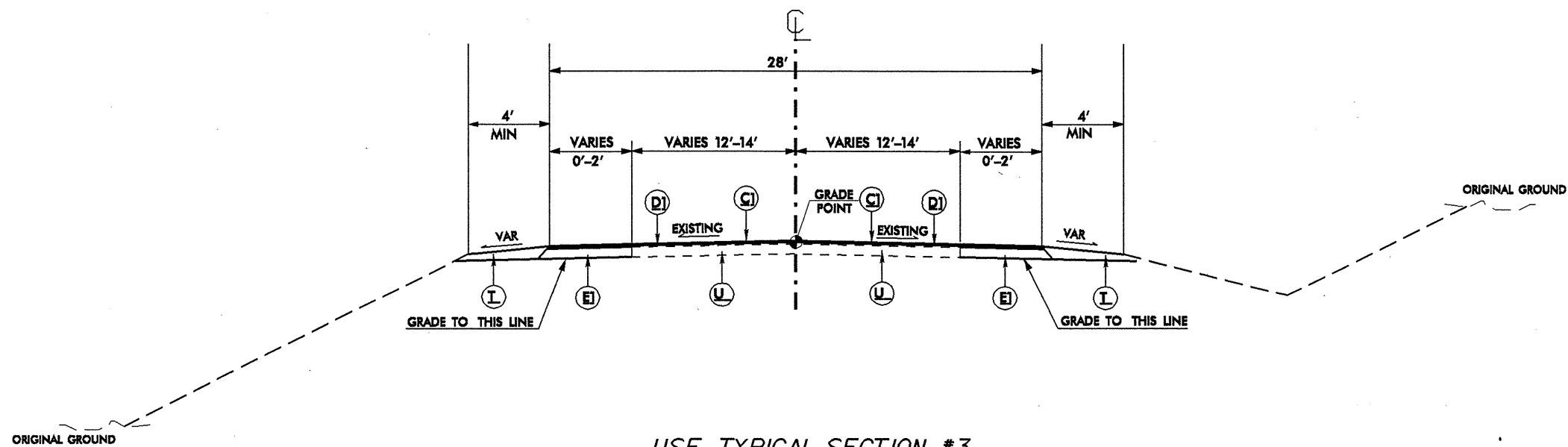
10/26/98

PROJECT REFERENCE NO. 39318	SHEET NO. 7
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1½" ASPHALT CONG. SURFACE COURSE, TYPE 89.5B, AT AN AVERAGE RATE OF 188 LBS. PER SQ. YD.
D1	PROP. APPROX. 2½" ASPHALT CONG. INTERMEDIATE COURSE, TYPE 119.0B, AT AN AVERAGE RATE OF 285 LB. PER SQ.YD.
E1	PROP. APPROX. 5" ASPHALT CONG. BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 570 LB. PER SQ.YD.
T	SHOULDER RECONSTRUCTION
U	EXISTING PAVEMENT

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



USE TYPICAL SECTION #3

MAPS 4,6,8 AND 10

Notes:

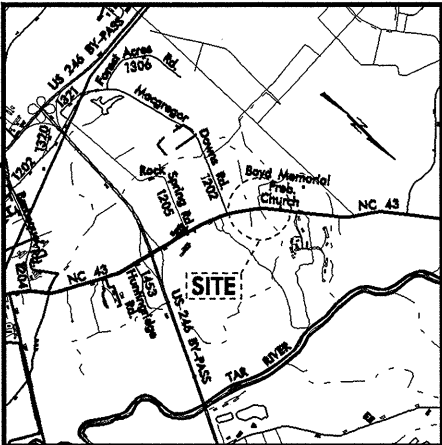
1. INCIDENTAL MILLING FOR PAVEMENT APPROACHING BRIDGE ON MAP 10.
2. MILLING 0" TO 3" AT MISC. LOCATIONS ON MAP 10 AS DIRECTED BY THE ENGINEER.

SYNTHESIS ENGINEERING

09/08/99

TIP PROJECT: R-4749

CONTRACT: 39318



VICINITY MAP
See Sheet 1-A For Index of Sheets

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

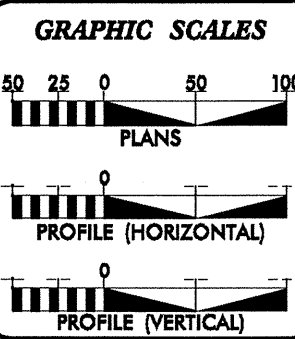
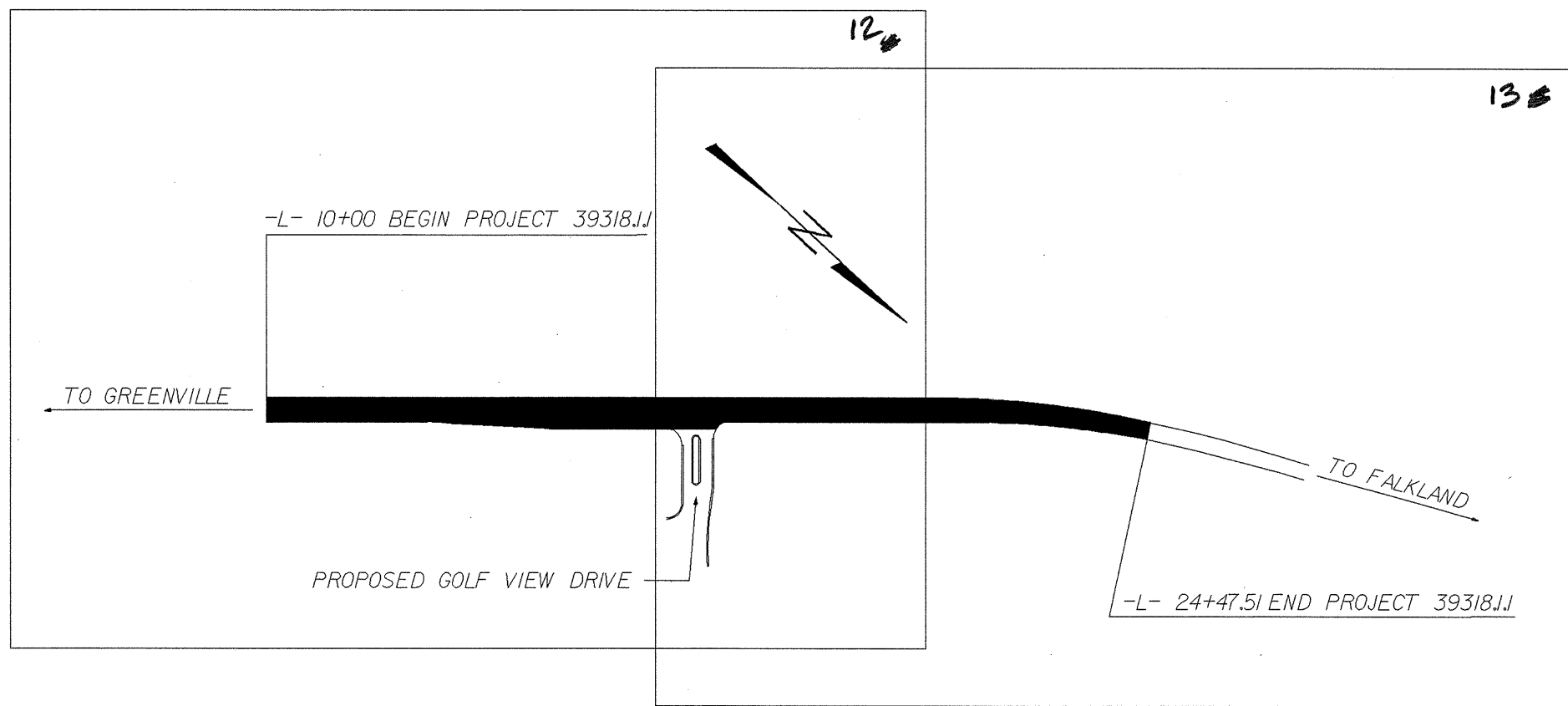
PITT COUNTY

LOCATION: NC 43 FROM SR 1202 (MACGREGOR DOWNS RD.)
0.4 MILES NW

TYPE OF WORK: CLEARING AND GRUBBING, GRADING,
DRAINAGE, PAVING, AND
THERMOPLASTIC PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	39318	9	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

MAP 3



DESIGN DATA

ADT	=	-----
ADT	=	-----
DHV	=	--- %
D	=	--- %
T	=	--- % *
V	=	--- MPH
* TTST		DUAL

PROJECT LENGTH

LENGTH ROADWAY = 0.4 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
2006 1000 Birch Ridge Dr., Raleigh NC, 27610
2006-STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: WAYNE NOTTINGHAM, P.E.
PROJECT ENGINEER

LETTING DATE: AARON BULLARD, P.E.
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: P.E.

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

STATE DESIGN ENGINEER P.E.

**DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

APPROVED DIVISION ADMINISTRATOR

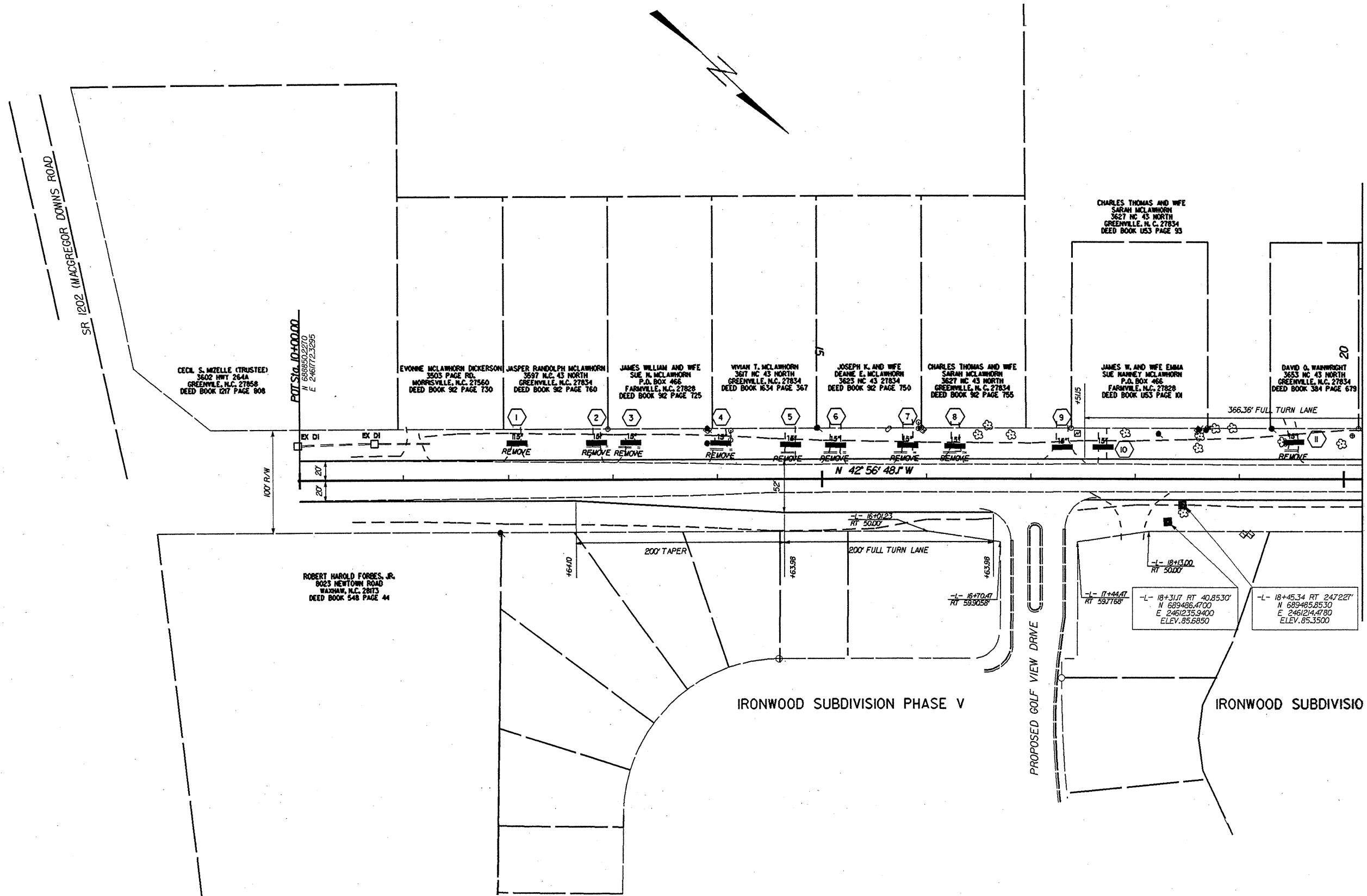
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SYSTEMTIME\$\$\$\$
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PROJECT REFERENCE NO.		SHEET NO.	
39318		12	
R/W SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

8/17/99

REVISIONS



P:\AN-2005\1340
 P:\PROJETS\1340\IRONWOOD\IRONWOOD.DDC2_PSH*4.dgn
 8/17/99
 Waddan

MATCHLINE SEE SHEET 13

PROJECT REFERENCE NO.		SHEET NO. 14	
39318		EC1	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

8/17/99

REVISIONS

SR 1202 (MACGREGOR DOWNS ROAD)

CECL S. MZELLE (TRUSTEE)
3602 HWY 264A
GREENVILLE, N.C. 27858
DEED BOOK 1217 PAGE 908

EVONNE McLAHWORN DICKERSON
3205 PAGE RD.
MORRISVILLE, N.C. 27560
DEED BOOK 92 PAGE 730

JASPER RANDOLPH McLAHWORN
3897 N.C. 43 NORTH
GREENVILLE, N.C. 27834
DEED BOOK 92 PAGE 760

JAMES WILLIAM AND WIFE
SUE H. McLAHWORN
P.O. BOX 466
FARMVILLE, N.C. 27828
DEED BOOK 92 PAGE 725

WYMAN T. McLAHWORN
3617 NC 43 NORTH
GREENVILLE, N.C. 27834
DEED BOOK 1634 PAGE 367

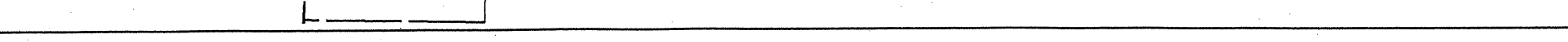
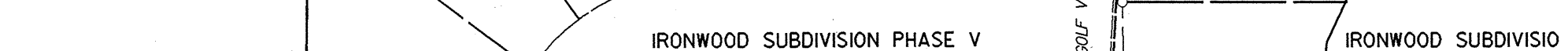
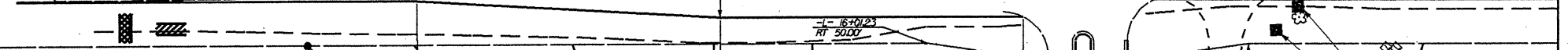
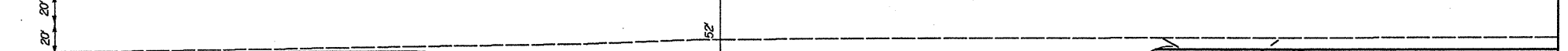
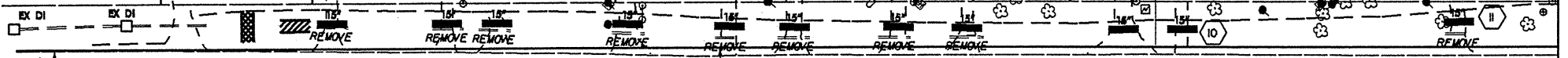
JOSEPH K. AND WIFE
DEANNE E. McLAHWORN
3623 NC 43 27834
DEED BOOK 92 PAGE 750

CHARLES THOMAS AND WIFE
SARAH McLAHWORN
3627 NC 43 NORTH
GREENVILLE, N.C. 27834
DEED BOOK 92 PAGE 755

CHARLES THOMAS AND WIFE
SARAH McLAHWORN
3627 NC 43 NORTH
GREENVILLE, N.C. 27834
DEED BOOK 1533 PAGE 93

JAMES W. AND WIFE EMMA
SUE MARNEY McLAHWORN
P.O. BOX 466
FARMVILLE, N.C. 27828
DEED BOOK 1533 PAGE 93

DAVID O. WAINWRIGHT
3653 NC 43 NORTH
GREENVILLE, N.C. 27834
DEED BOOK 384 PAGE 679



ROBERT HAROLD FORBES, JR.
9023 NEWTOWN ROAD
WAXHAM, N.C. 28713
DEED BOOK 548 PAGE 44

IRONWOOD SUBDIVISION PHASE V

IRONWOOD SUBDIVISIO

- TRSC-A
- 9'L X 3'W X 2'D SILT BASIN
- RIST-C

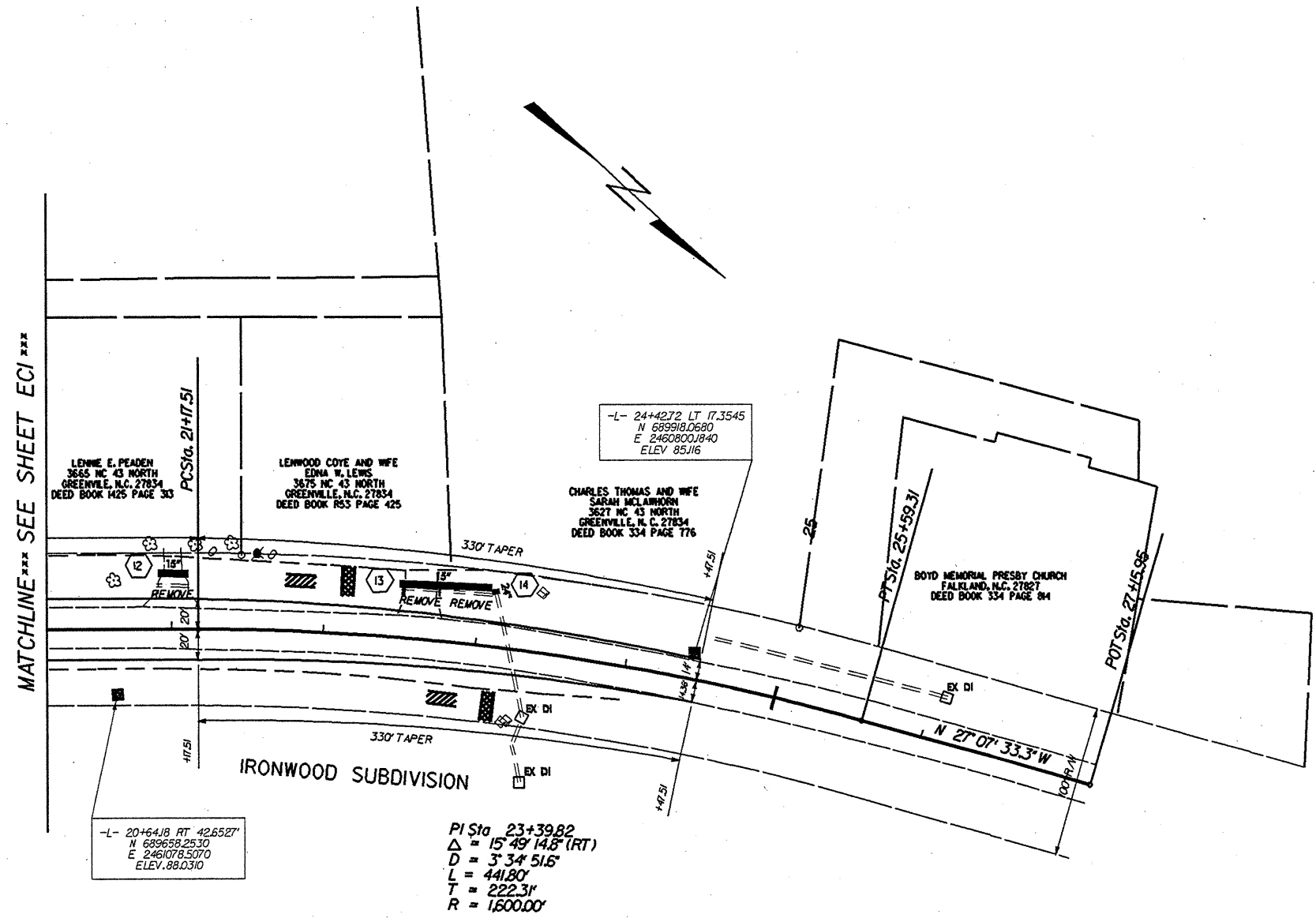
MATCHLINE SEE SHEET EC2




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andjones

PROJECT REFERENCE NO.		SHEET NO. 15	
39318		EC2	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

8/17/99

REVISIONS



- TRSC-A 
- 9'L X 3'W X 2'D SILT BASIN 
- RIST-C 

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PROJECT REFERENCE NO.	SHEET NO. 16
39318	PMI
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES

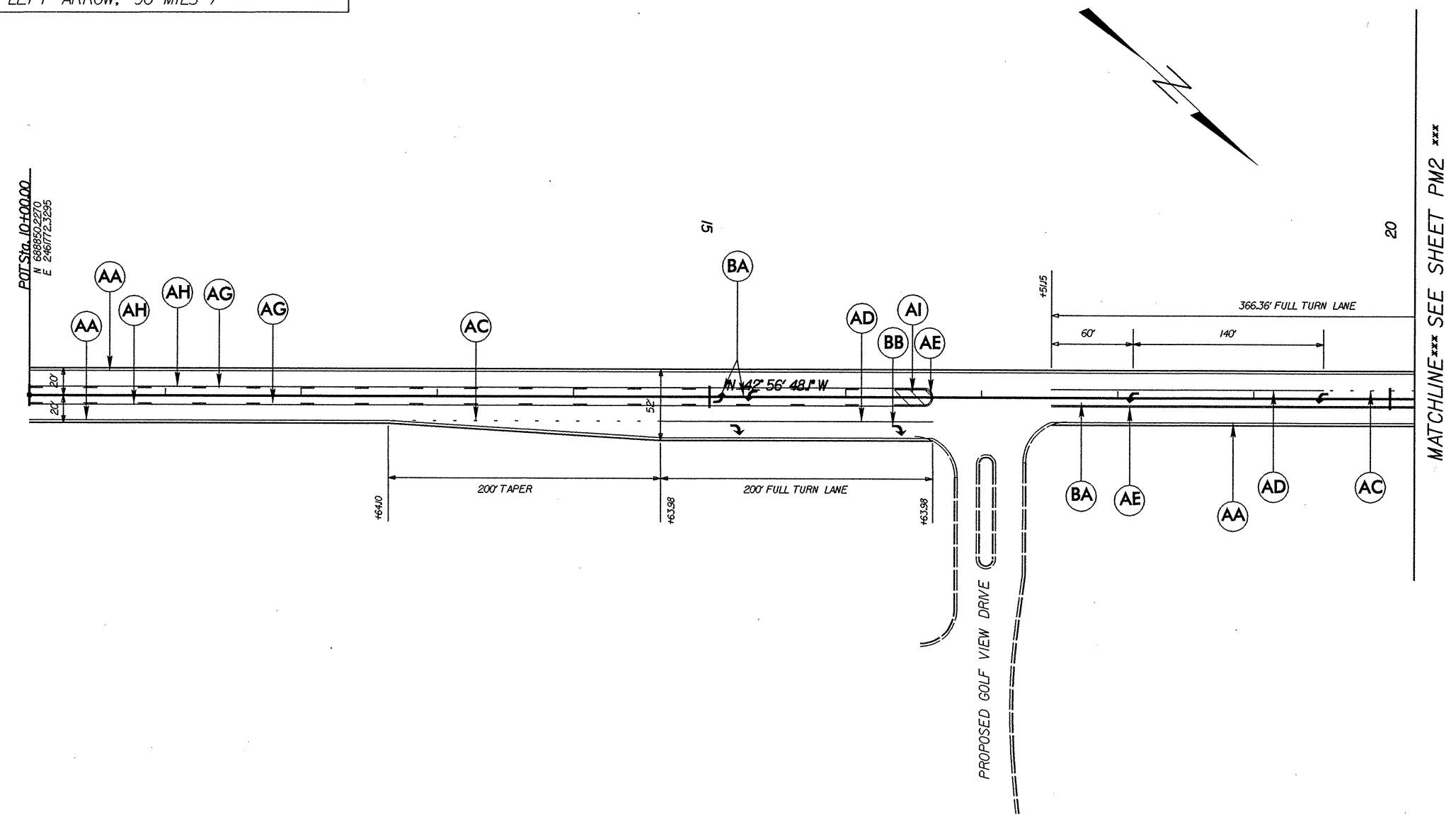
AA - THERMOPLASTIC (4" WHITE, 90 MILS)	EDGE LINE
AB - THERMOPLASTIC (4" WHITE, 120 MILS)	10 FT. WHITE SKIP
AC - THERMOPLASTIC (4" WHITE, 120 MILS)	4" X 2' MINI SKIP
AD - THERMOPLASTIC (4" WHITE, 120 MILS)	SOLID LANE LINE
AE - THERMOPLASTIC (4" YELLOW, 120 MILS)	DOUBLE YELLOW
AF - THERMOPLASTIC (24" WHITE, 120 MILS)	STOPBAR
AG - THERMOPLASTIC (4" YELLOW, 120 MILS)	10 FT. YELLOW SKIP
AH - THERMOPLASTIC (4" YELLOW, 120 MILS)	SINGLE YELLOW
AI - THERMOPLASTIC (8" YELLOW, 90 MILS)	YELLOW DIAGONAL

PAVEMENT MARKING SYMBOLS

BA - THERMOPLASTIC (LEFT TURN ARROW, 90 MILS)
BB - THERMOPLASTIC (RIGHT TURN ARROW, 90 MILS)
BC - THERMOPLASTIC (STRAIGHT ARROW, 90 MILS)
BD - THERMOPLASTIC (COMBO. STRAIGHT / RIGHT ARROW, 90 MILS)
BE - THERMOPLASTIC (COMBO. STRAIGHT / LEFT ARROW, 90 MILS)
BF - THERMOPLASTIC (COMBO. / RIGHT & LEFT ARROW, 90 MILS)

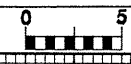
NOTE

EDGE LINES SHALL BE 2.0' FROM PROPOSED EP.
 PAINT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, NCDOT ROADWAY STANDARD DRAWINGS, AND THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). QUANTITIES FOR THESE ITEMS HAVE BEEN ACCOUNTED FOR IN THE CONTRACT BID FORM.



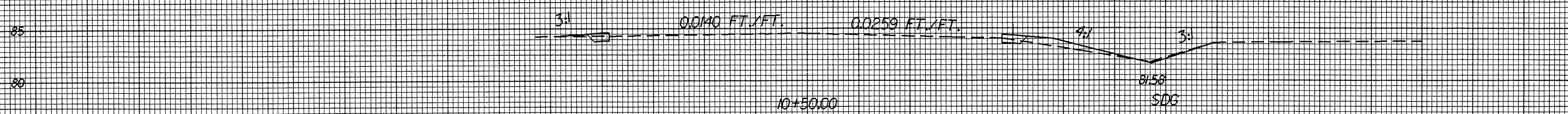
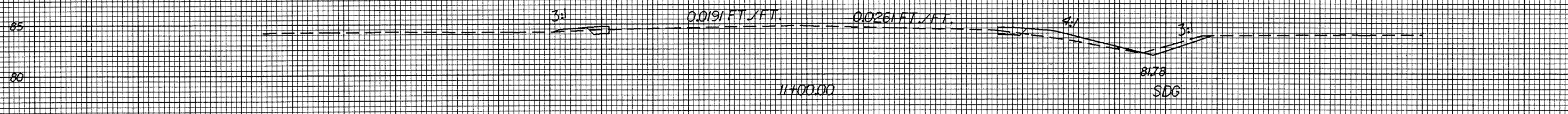
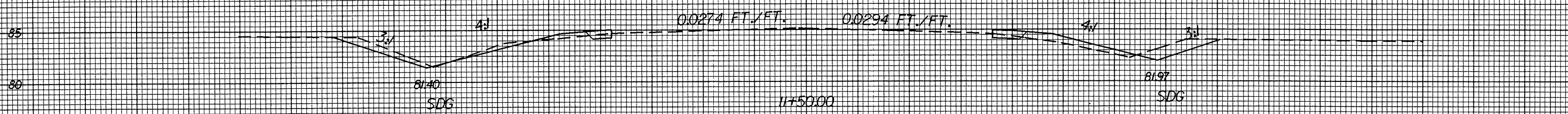
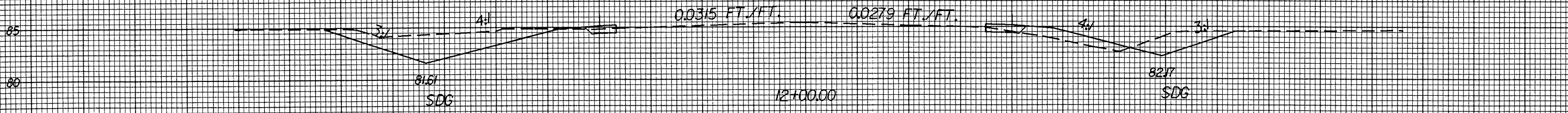
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 8/17/99

8/23/99



PROJ. REFERENCE NO. 39318 SHEET NO. 18 X-1

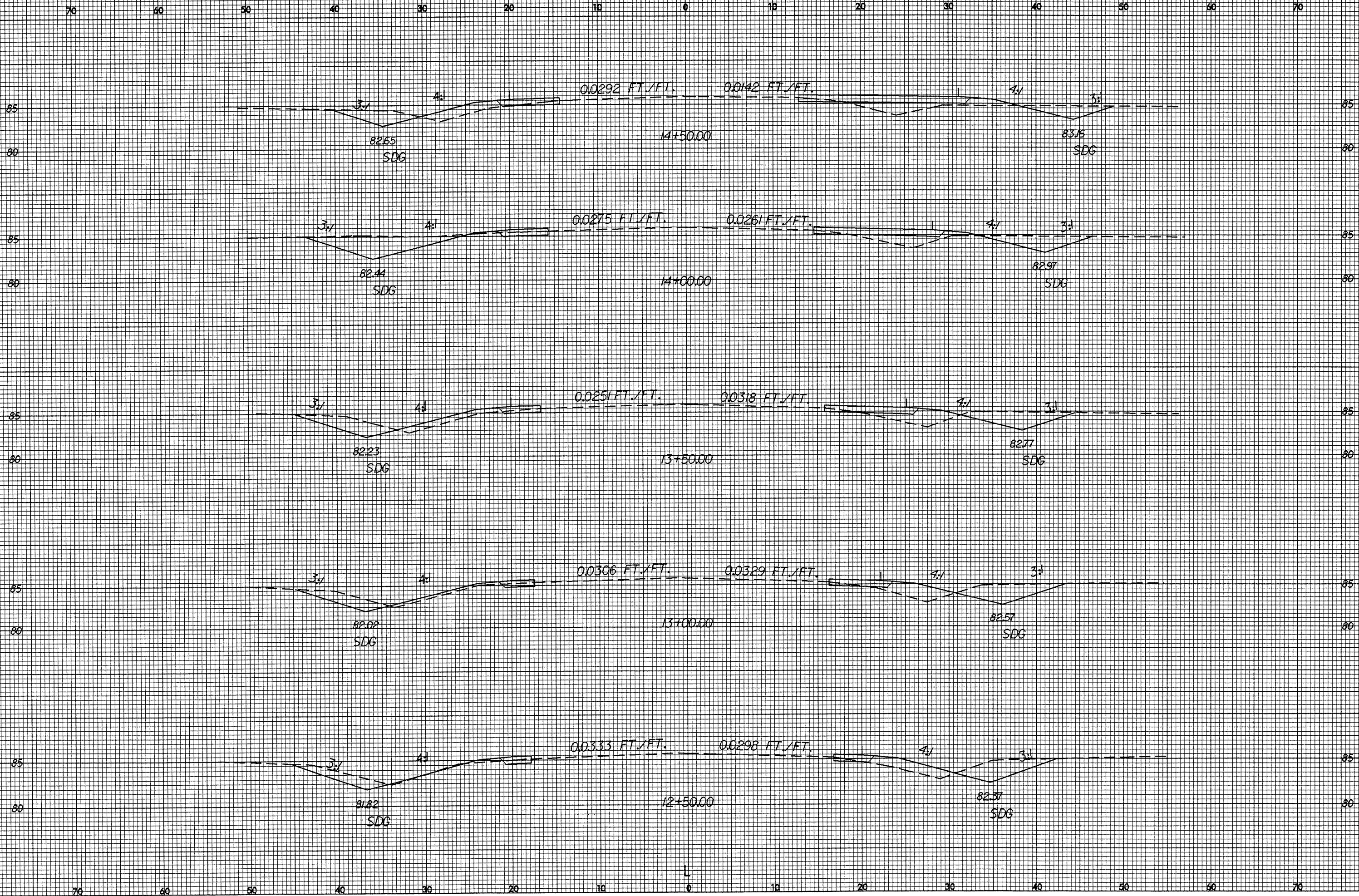
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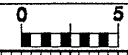
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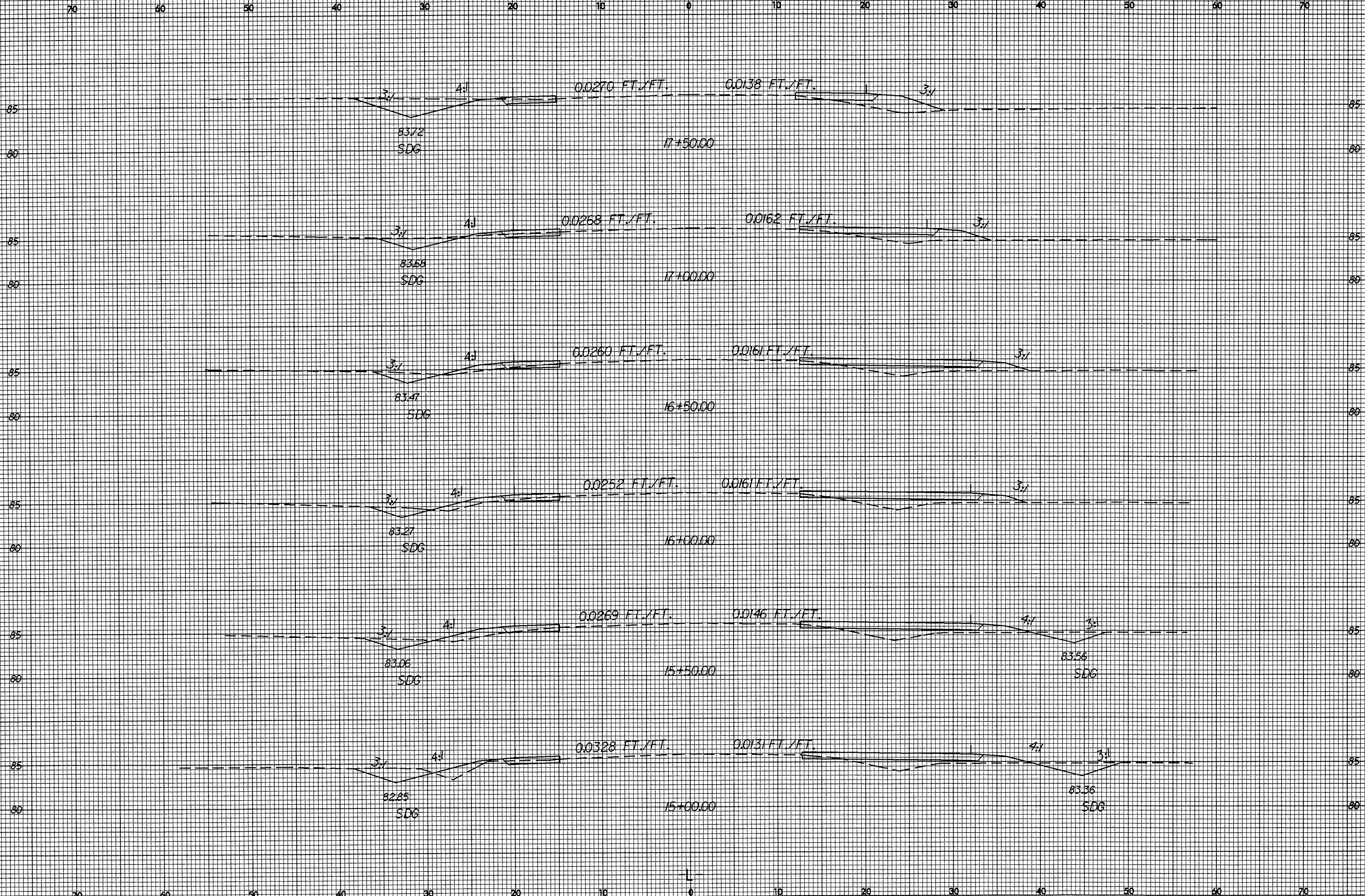


8/23/99



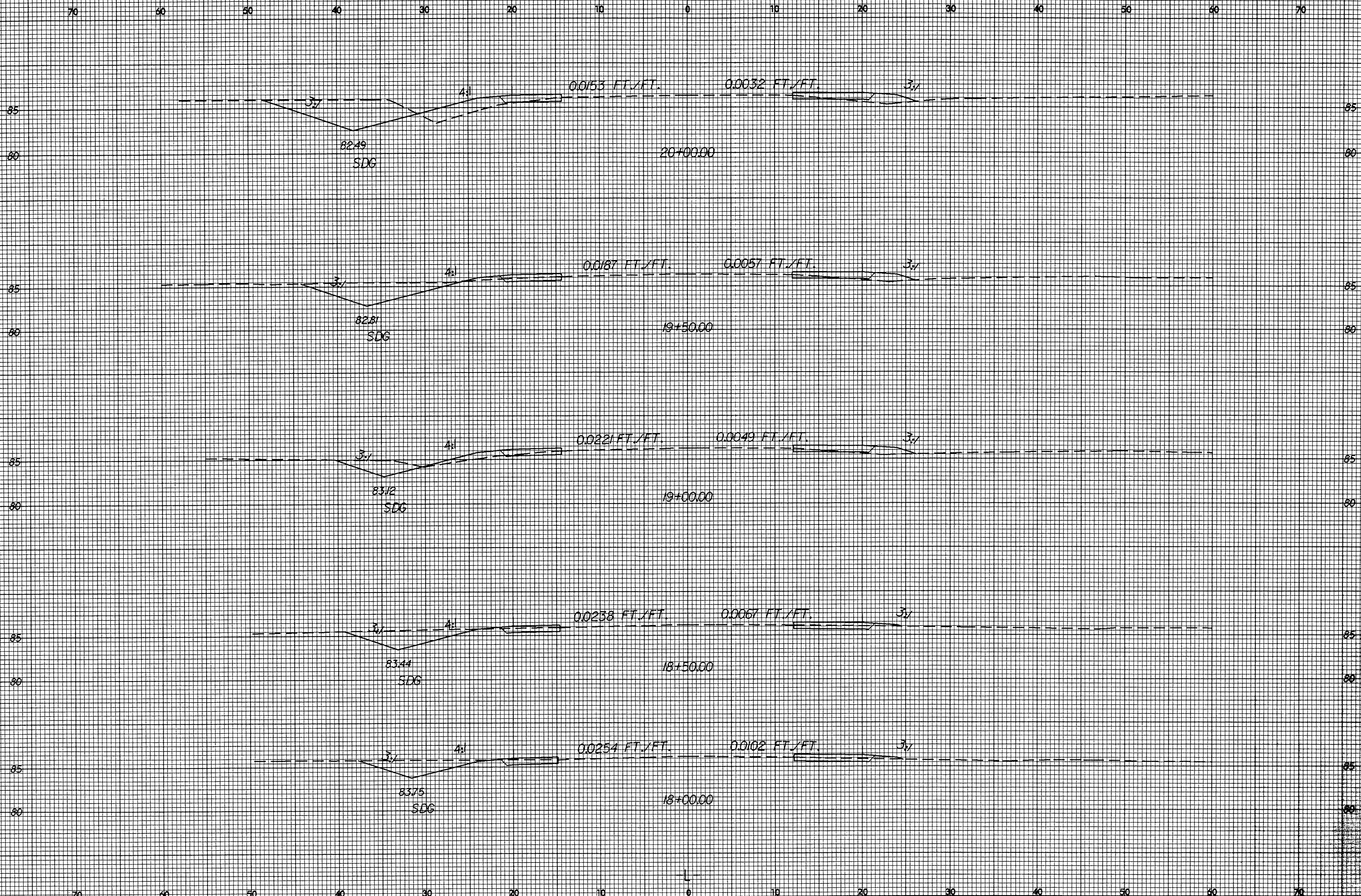
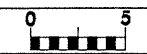
PROJ. REFERENCE NO.
39318

SHEET NO. 20
X-3



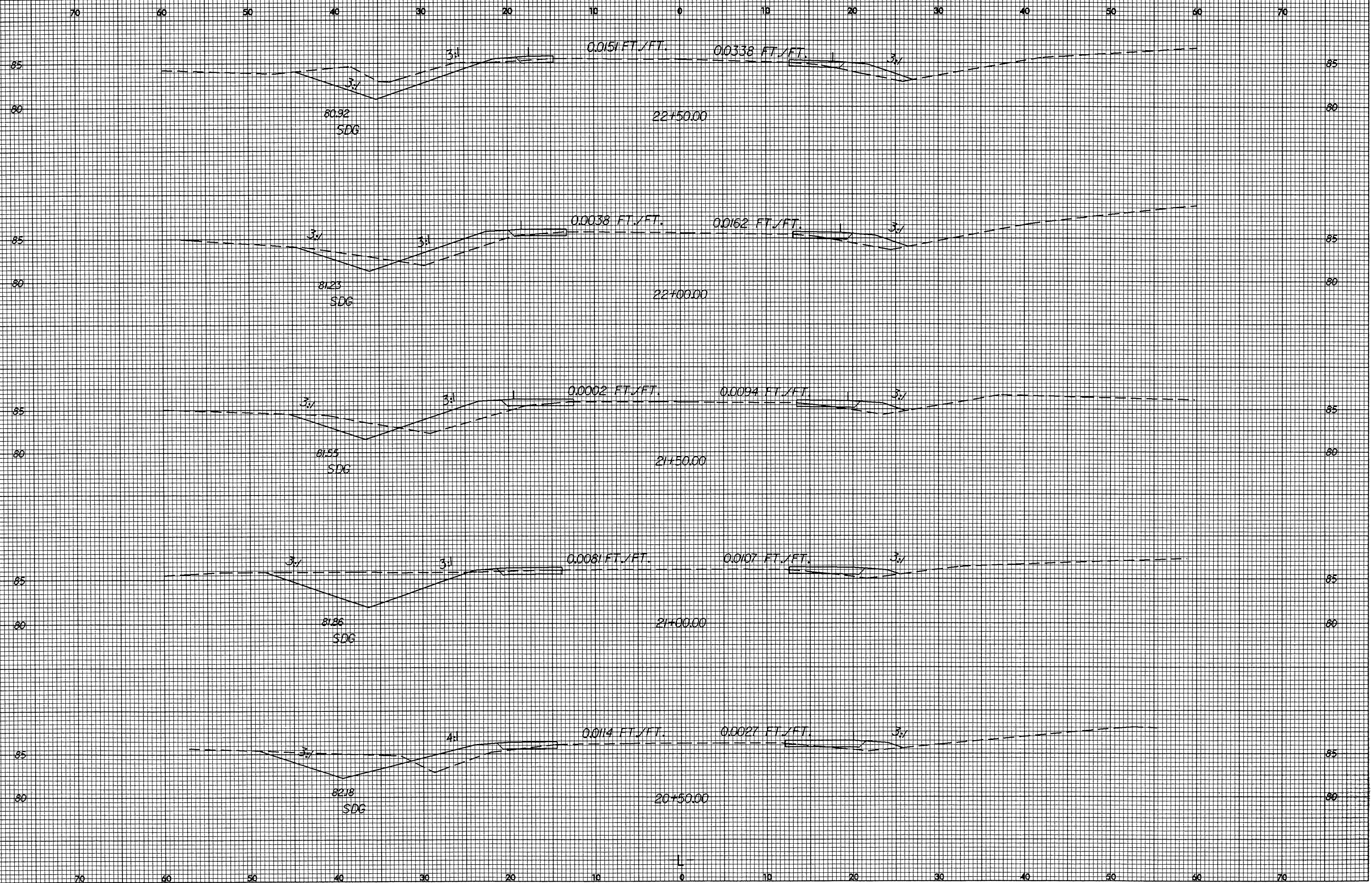
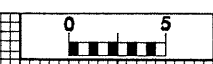
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8/23/99

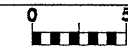


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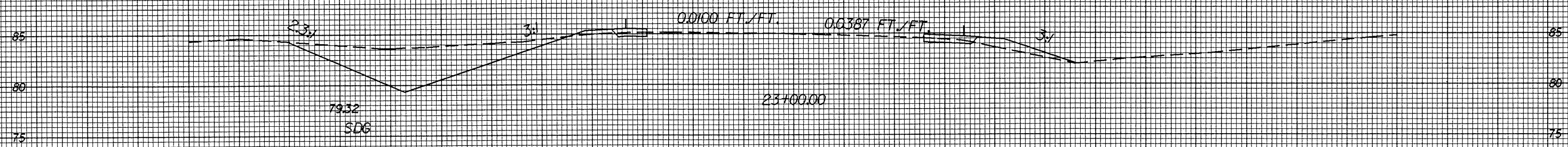
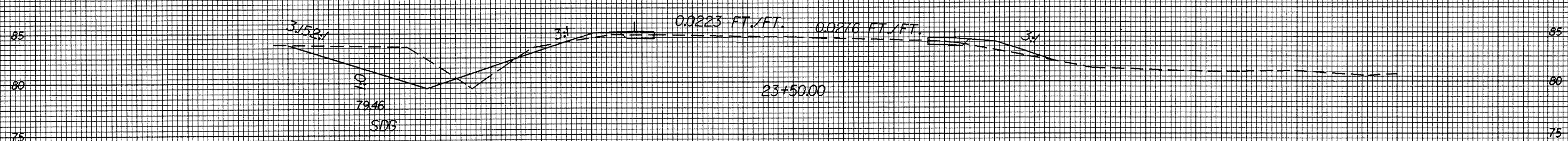
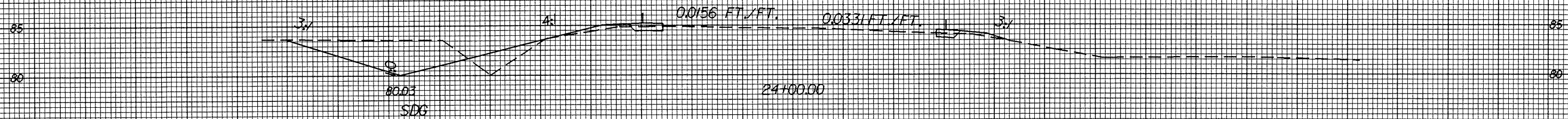
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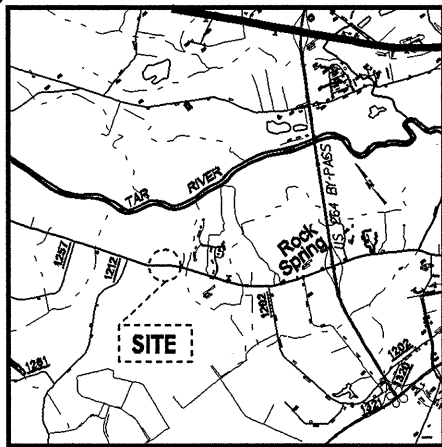


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09/08/99

TIP PROJECT: R-4749

CONTRACT: 39318



VICINITY MAP

See Sheet 1-A For Index of Sheets

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

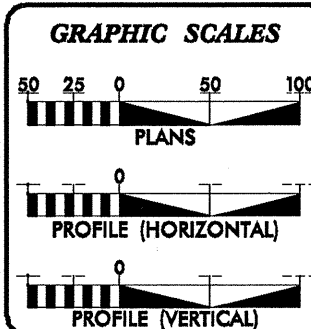
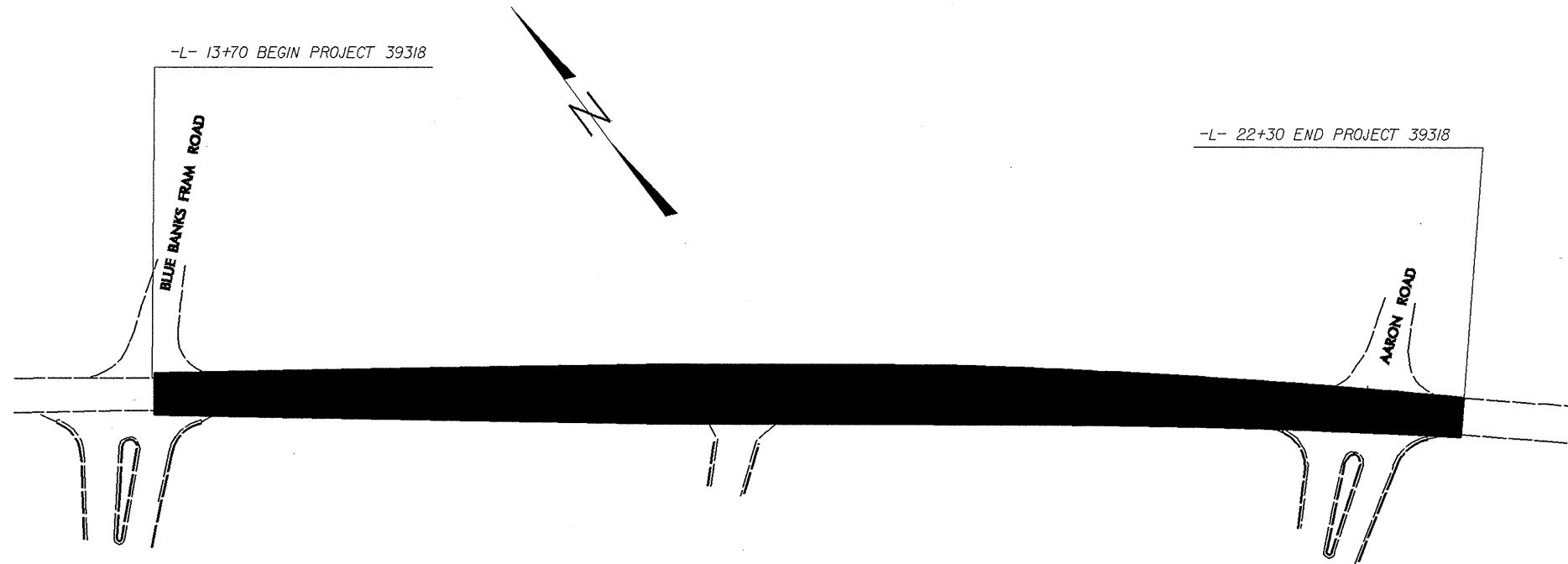
PITT COUNTY

LOCATION: NC 43 FROM AARON CIRCLE TO BLUE BANKS FR

TYPE OF WORK: CLEARING AND GRUBBING, GRADING
DRAINAGE, PAVING AND
THERMOPLASTIC PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	39318	24	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

MAP 5



DESIGN DATA

ADT	=	
ADT	=	
DHV	=	%
D	=	%
T	=	% *
V	=	MPH
* TTST		DUAL

PROJECT LENGTH

LENGTH ROADWAY = ~~0.0157~~ MILES
0.2

Prepared in the Office of:
DIVISION OF HIGHWAYS
2006 1000 Birch Ridge Dr., Raleigh NC, 27610

RIGHT OF WAY DATE: WAYNE NOTTINGHAM, P.E.
PROJECT ENGINEER

LETTING DATE: AARON BULLARD, P.E.
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

STATE DESIGN ENGINEER P.E.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

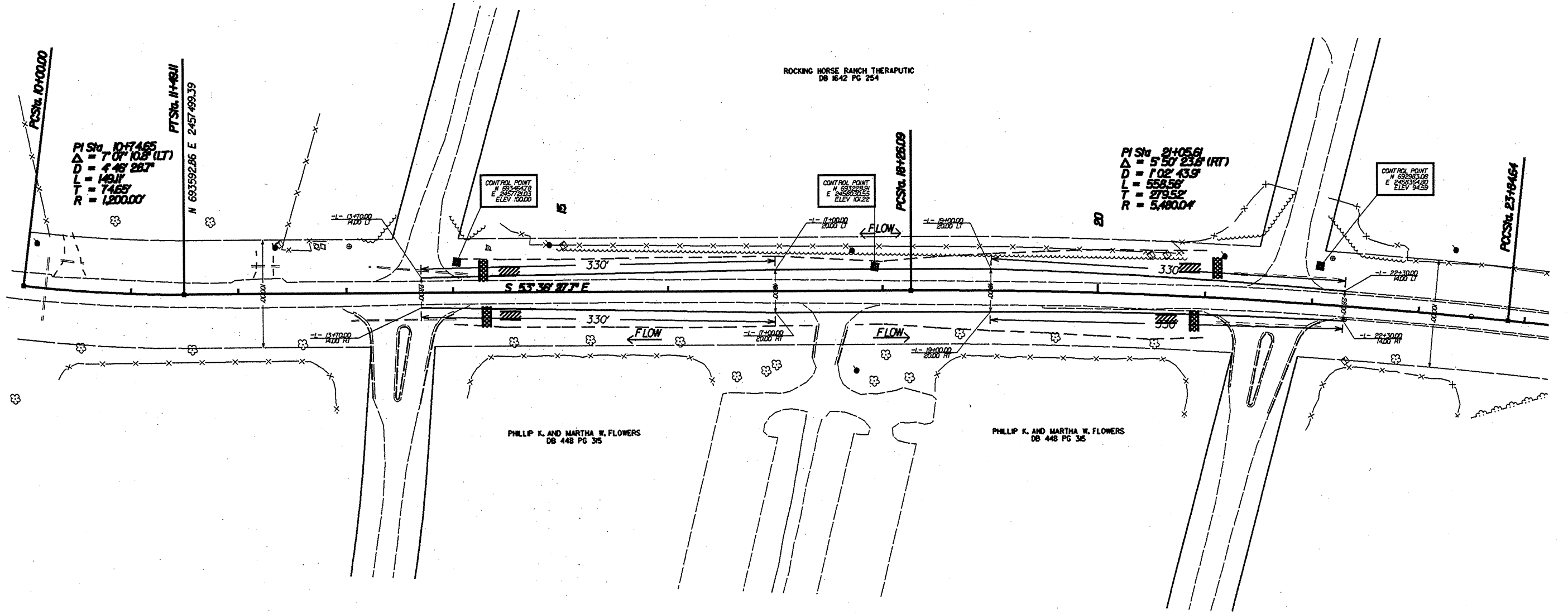
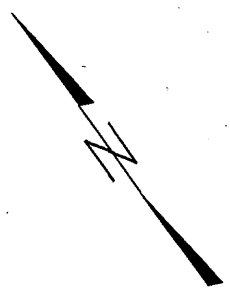
APPROVED DIVISION ADMINISTRATOR DATE

SYTIME\$\$\$\$\$D/CN\$\$\$\$\$PRNAME\$\$\$\$\$

PROJECT REFERENCE NO.		SHEET NO. 27	
39318		ECI	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

8/17/99

REVISIONS



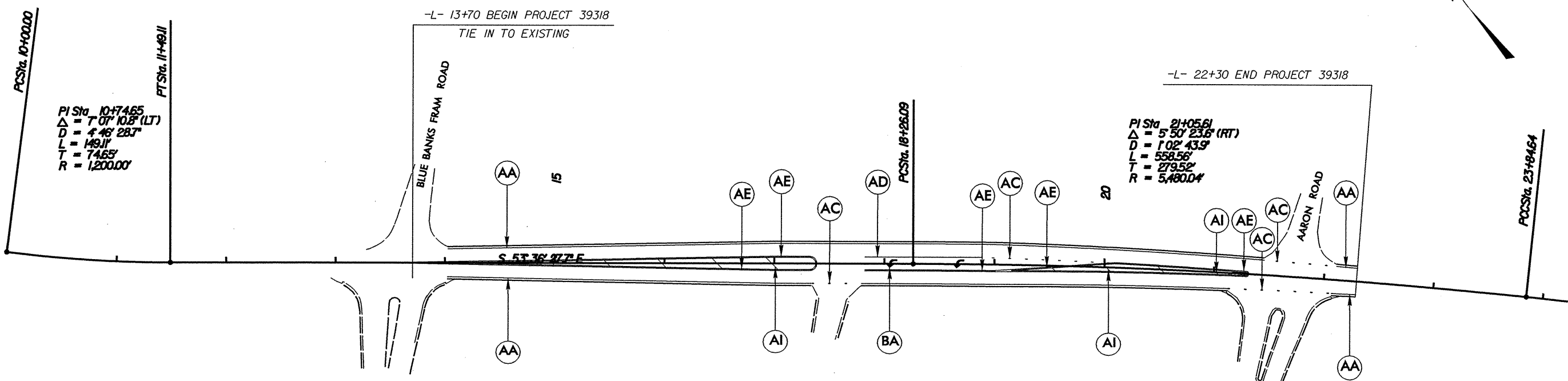
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9'L X 3'W X 2'D SILT BASIN

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 pdj

8/17/99
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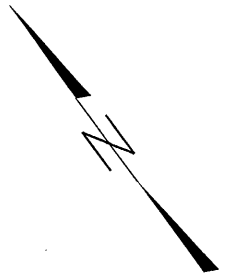
PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES	
AA - THERMOPLASTIC (4" WHITE, 90 MILS)	EDGE LINE
AB - THERMOPLASTIC (4" WHITE, 120 MILS)	10 FT. WHITE SKIP
AC - THERMOPLASTIC (4" WHITE, 120 MILS)	4" X 2' MINI SKIP
AD - THERMOPLASTIC (4" WHITE, 120 MILS)	SOLID LANE LINE
AE - THERMOPLASTIC (4" YELLOW, 120 MILS)	DOUBLE YELLOW
AF - THERMOPLASTIC (24" WHITE, 120 MILS)	STOPBAR
AG - THERMOPLASTIC (4" YELLOW, 120 MILS)	10 FT. YELLOW SKIP
AH - THERMOPLASTIC (4" YELLOW, 120 MILS)	SINGLE YELLOW
AI - THERMOPLASTIC (8" YELLOW, 90 MILS)	YELLOW DIAGONAL

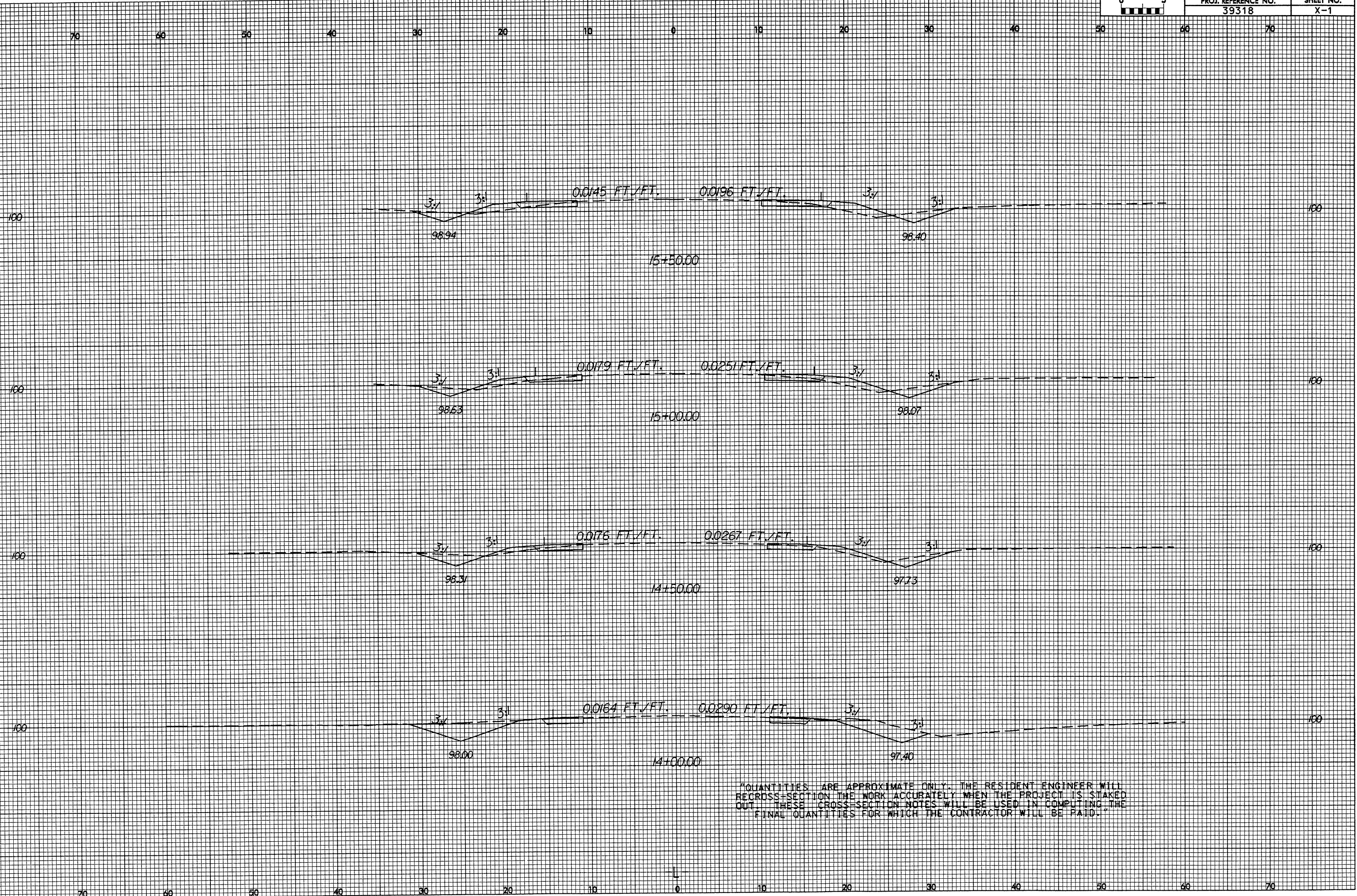
PAVEMENT MARKING SYMBOLS	
BA - THERMOPLASTIC (LEFT TURN ARROW, 90 MILS)	
BB - THERMOPLASTIC (RIGHT TURN ARROW, 90 MILS)	
BC - THERMOPLASTIC (STRAIGHT ARROW, 90 MILS)	
BD - THERMOPLASTIC (COMBO. STRAIGHT / RIGHT ARROW, 90 MILS)	
BE - THERMOPLASTIC (COMBO. STRAIGHT / LEFT ARROW, 90 MILS)	
BF - THERMOPLASTIC (COMBO. / RIGHT & LEFT ARROW, 90 MILS)	

NOTE

EDGE LINES SHALL BE 2.0' FROM PROPOSED EP. PAINT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, NCDOT ROADWAY STANDARD DRAWINGS, AND THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). QUANTITIES FOR THESE ITEMS HAVE BEEN ACCOUNTED FOR IN THE CONTRACT BID FORM.



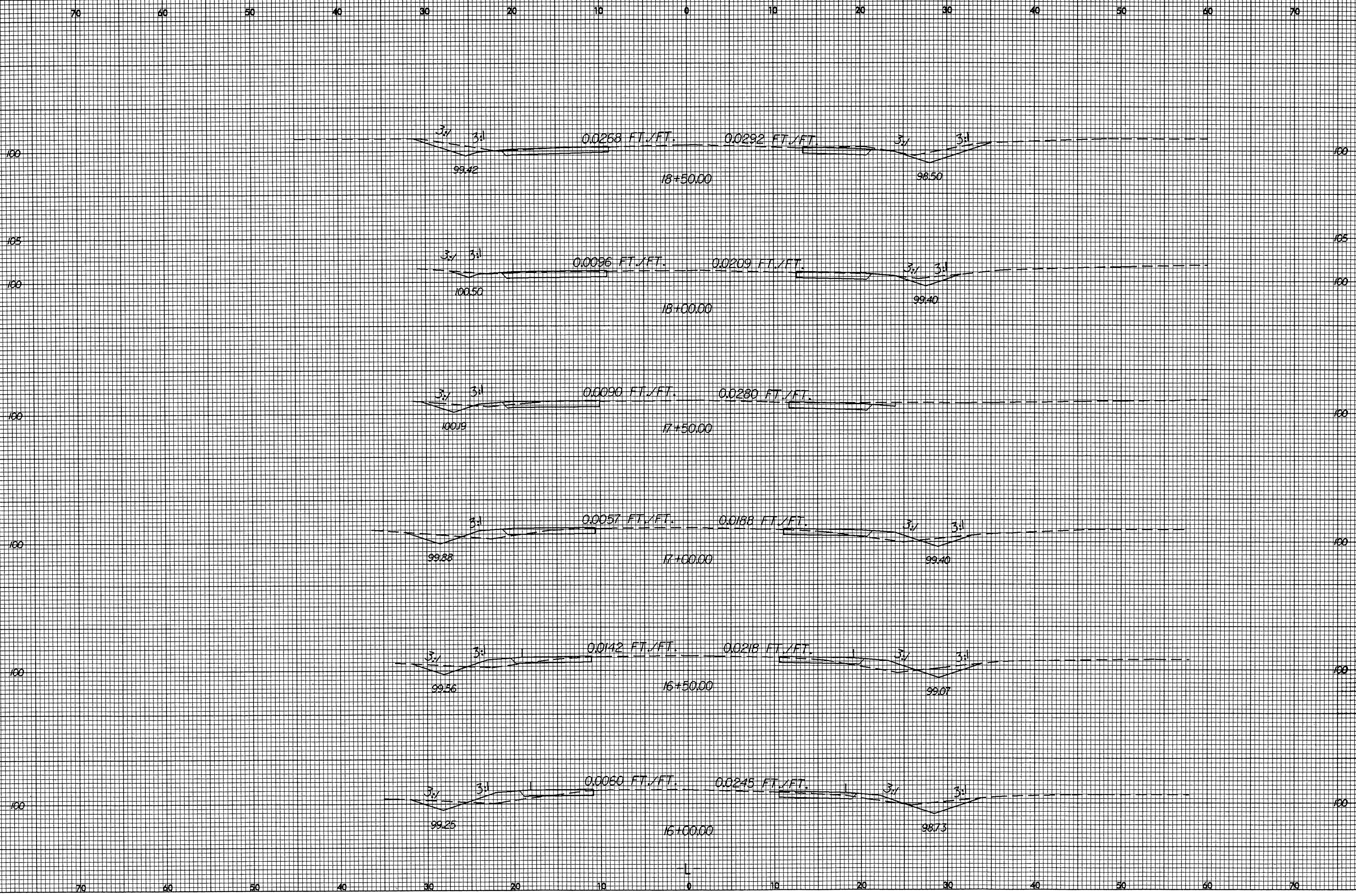
8/23/99



"QUANTITIES ARE APPROXIMATE ONLY. THE RESIDENT ENGINEER WILL RE-CROSS-SECTION THE WORK ACCURATELY WHEN THE PROJECT IS STAKED OUT. THESE CROSS-SECTION NOTES WILL BE USED IN COMPUTING THE FINAL QUANTITIES FOR WHICH THE CONTRACTOR WILL BE PAID."

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 Long Jones

8/23/99

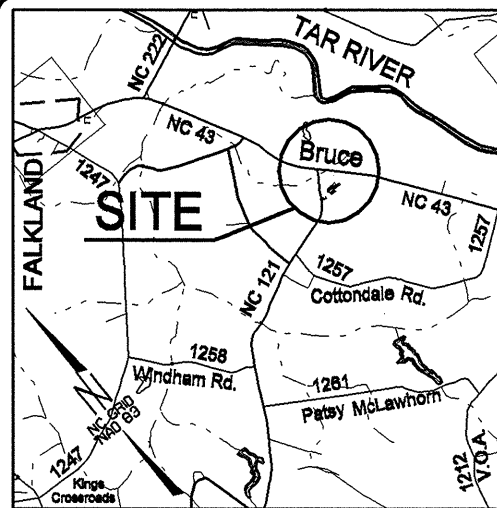


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Bang Jones

09/08/99

TIP PROJECT: R-4749

WBS ELEMENT: 39318



VICINITY MAP

See Sheet 1-A For Index of Sheets

NOTE:

ALL SHOULDER WIDENING AND MOVING OF DITCHES WILL BE ACCOMPLISHED WITH STATE FORCES. THE CONTRACTOR WILL BE REQUIRED TO TRENCH, PAVE, PLACE THERMOPLASTIC PAVEMENT MARKINGS, SNOW PLOWABLE MARKERS, RECONSTRUCT SHOULDERS AND SEED AND MULCH.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

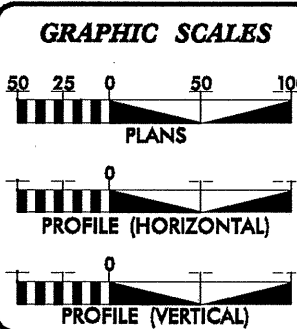
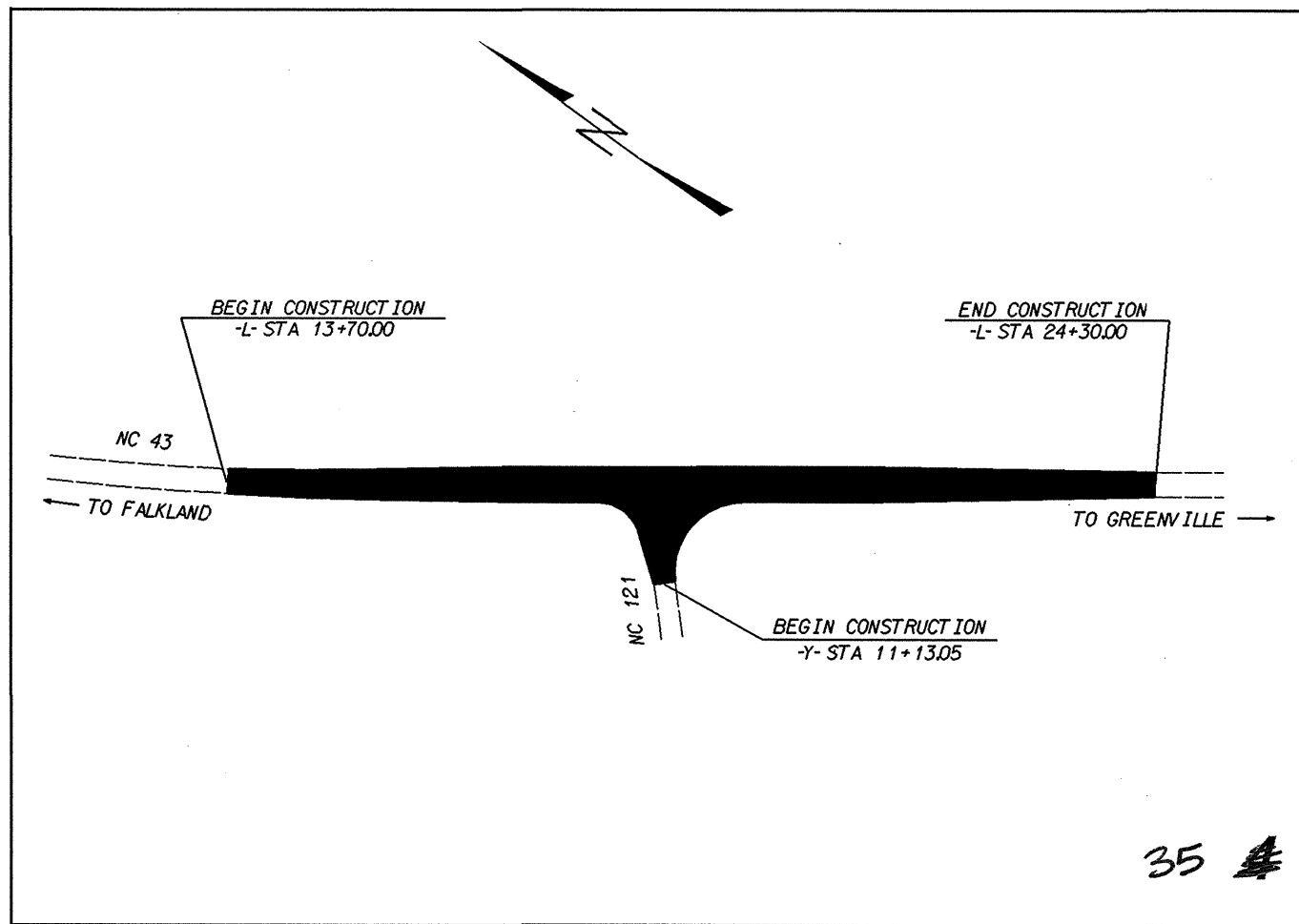
PITT COUNTY

LOCATION: NC 43 AT INTERSECTION OF NC 121

TYPE OF WORK: TRENCHING, PAVING, AND
THERMOPLASTIC
PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	39318	32	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
39318			

MAP 7



DESIGN DATA

PROJECT LENGTH

LENGTH ROADWAY = ~~0.0243~~ MILES
0.2

Prepared In the Office of:
DIVISION OF HIGHWAYS
2006 1704 NORTH GREENE ST., GREENVILLE N.C. 27835

4002-STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: WAYNE NOTTINGHAM, PE
PROJECT ENGINEER

LETTING DATE: AARON BULLARD, PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER

SIGNATURE: _____ P.E.

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

STATE DESIGN ENGINEER P.E.

**DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION**

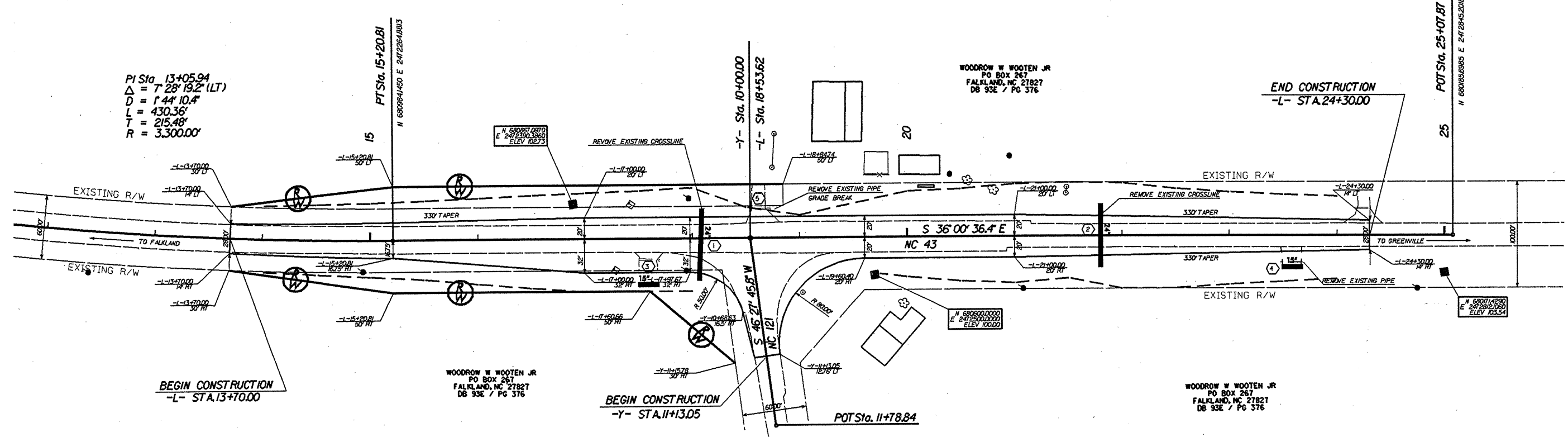
APPROVED DIVISION ADMINISTRATOR DATE

SYSTEMS
PLANNING
SERVICES

PROJECT REFERENCE NO.	SHEET NO.
39318	35
HW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

8/17/99

REVISIONS



PI Sta. 13+05.94
 $\Delta = 7' 28'' 19.2'' (LT)$
 $D = 144' 10.4''$
 $L = 430.36'$
 $T = 215.48'$
 $R = 3,300.00'$

BEGIN CONSTRUCTION
 -L- STA. 13+70.00

BEGIN CONSTRUCTION
 -Y- STA. 11+13.05

END CONSTRUCTION
 -L- STA. 24+30.00

WOODROW W. WOOTEN JR.
 PO BOX 267
 FALKLAND, NC 27827
 DB 93E / PG 376

POT Sta. 11+78.84


WOODROW W. WOOTEN JR.
 PO BOX 267
 FALKLAND, NC 27827
 DB 93E / PG 376

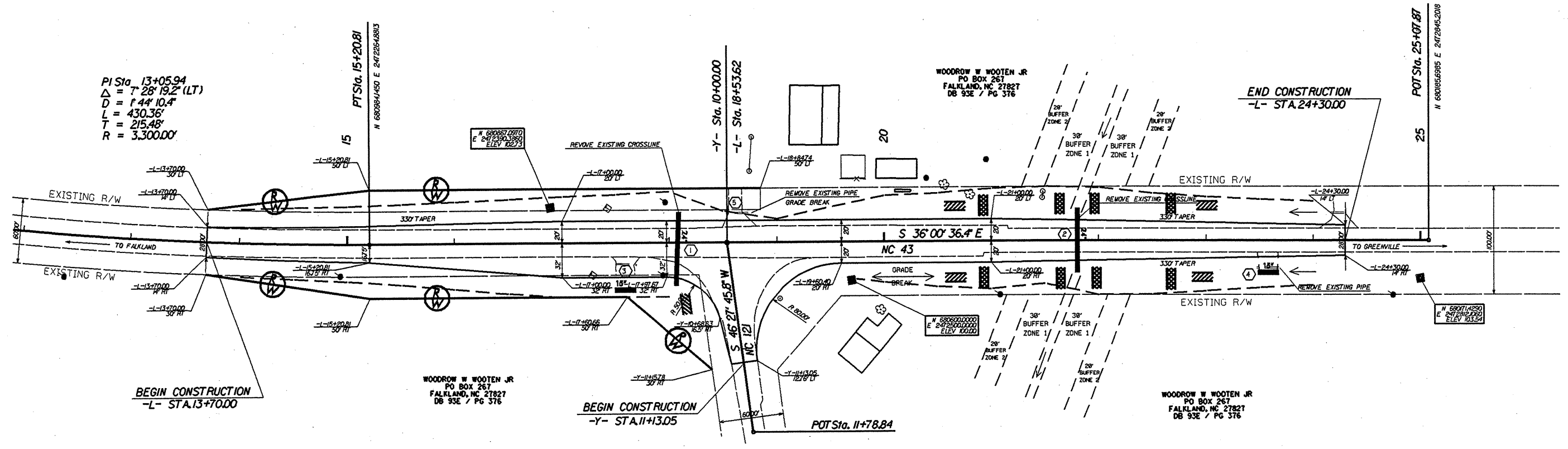
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RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

NOTE:
TRSC-A USED TO
TREAT BUFFER DISTURBANCE

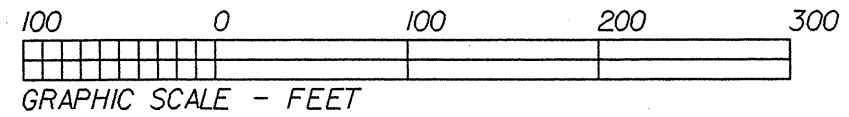
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8'L X 3'W X 2'D SILT BASIN 



PI Sta. 13+05.94
 $\Delta = 7' 28'' 19.2''$ (LT)
 $D = 1' 44'' 10.4''$
 $L = 430.36'$
 $T = 215.48'$
 $R = 3,300.00'$

NOTE:
BLUE LINE STREAM AS
SHOWN ON GREENVILLE, NWUSGS
QUAD MAP AND SOIL SURVEY OF PITT CO.

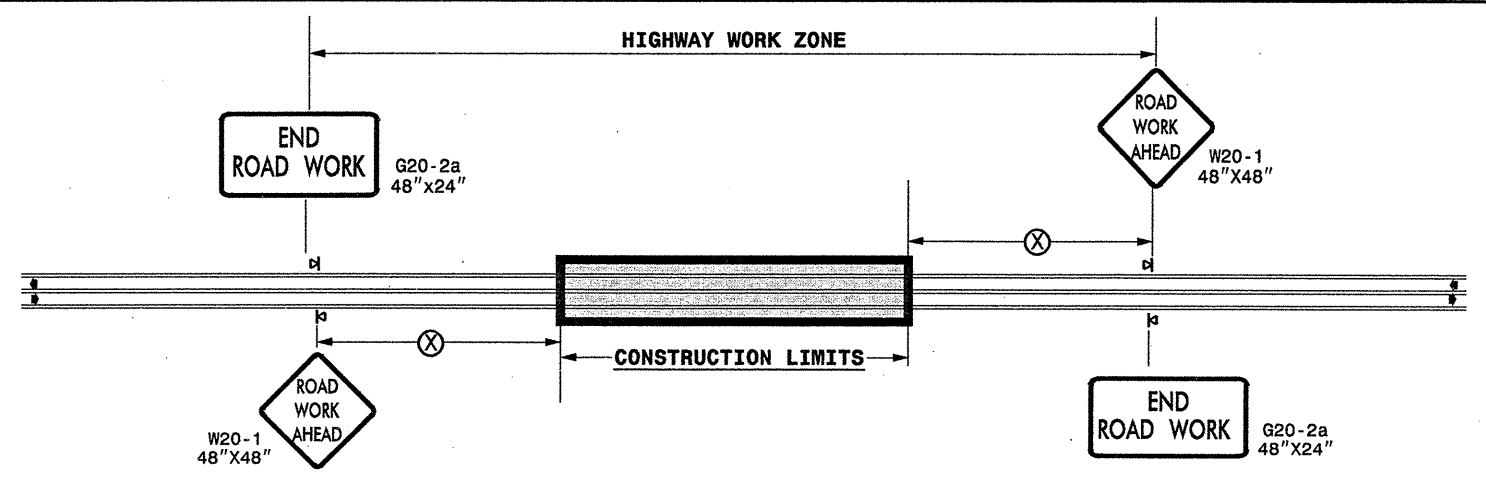


REVISIONS

8/17/99

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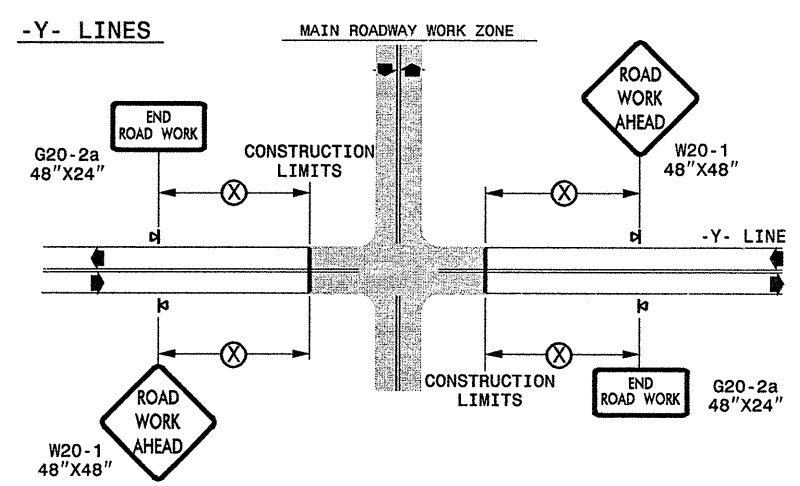
TWO-WAY UNDIVIDED ** (L-LINES)



POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
≤ 50	500'
≥ 55	1000'

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)



GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE PORTABLE WORK ZONE SIGNS ONLY WITH PORTABLE WORK ZONE SIGN STANDS SPECIFICALLY DESIGNED FOR ONE ANOTHER. PORTABLE WORK ZONE SIGNS MAY BE ROLL UP OR APPROVED COMPOSITE.
- PROVIDE PORTABLE WORK ZONE SIGN STANDS, PORTABLE SIGNS AND SIGN SHEETING WHICH ARE LISTED ON THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION'S APPROVED PRODUCT LIST OR ACCEPTED AS TRAFFIC QUALIFIED BY THE TRAFFIC CONTROL UNIT.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

LEGEND

◀ PORTABLE SIGN

➡ DIRECTION OF TRAFFIC FLOW

DETAIL DRAWING
FOR TWO-WAY UNDIVIDED
WORK ZONE WARNING SIGNS

SHEET 1 OF 1

APPROVED: _____	DATE: _____	DETAIL DRAWING FOR TWO-WAY UNDIVIDED ADVANCED WORK ZONE WARNING SIGNS	
SEAL	SCALE: NONE	REVISIONS	
	DATE: _____	7-98	10/01
	DWG. BY: _____	10-98	03/04
	DESIGN BY: _____	01/01	11/04
REVIEWED BY: _____			

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PROJECT REFERENCE NO. 39318	SHEET NO. PMI
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES

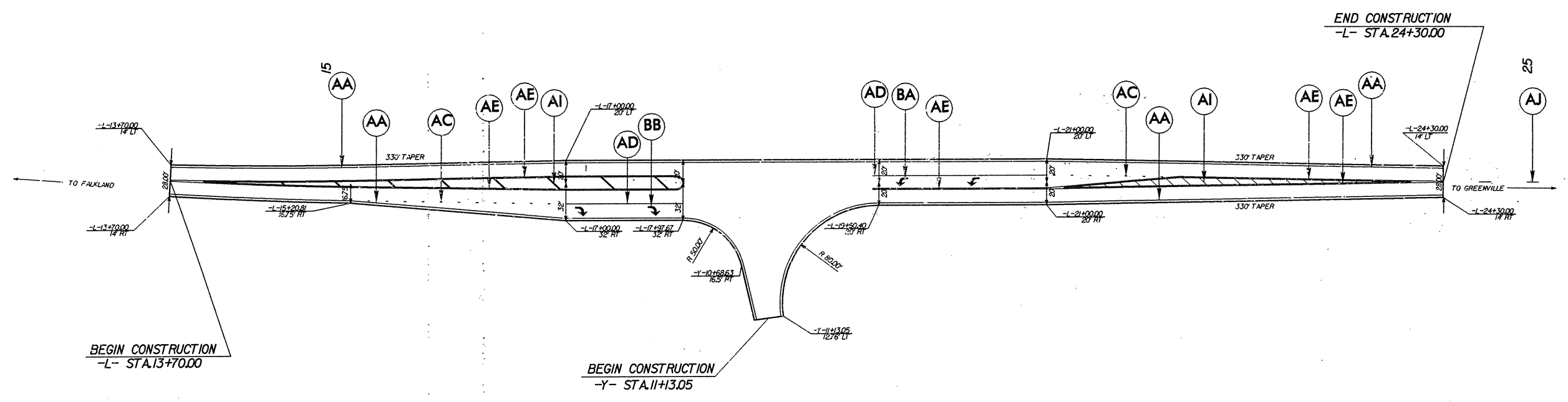
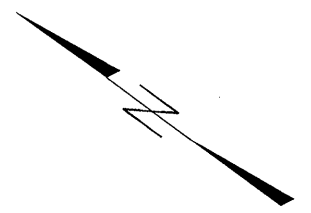
- AA - THERMOPLASTIC (4" WHITE, 90 MILS) EDGELINE
- AB - THERMOPLASTIC (4" WHITE, 120 MILS) 10 FT. WHITE SKIP
- AC - THERMOPLASTIC (4" WHITE, 120 MILS) 4' X 2' MINI SKIP
- AD - THERMOPLASTIC (4" WHITE, 120 MILS) SOLID LANE LINE
- AE - THERMOPLASTIC (4" YELLOW, 120 MILS) DOUBLE YELLOW
- AF - THERMOPLASTIC (24" WHITE, 120 MILS) STOPBAR
- AG - THERMOPLASTIC (4" YELLOW, 120 MILS) 10 FT. YELLOW SKIP
- AH - THERMOPLASTIC (4" YELLOW, 120 MILS) SINGLE YELLOW
- AI - THERMOPLASTIC (8" YELLOW, 90 MILS) YELLOW DIAGONAL
- AJ - THERMOPLASTIC (4" YELLOW, 120 MILS) 10 FT. YELLOW SKIP

PAVEMENT MARKING SYMBOLS

- BA - THERMOPLASTIC (LEFT TURN ARROW, 90 MILS)
- BB - THERMOPLASTIC (RIGHT TURN ARROW, 90 MILS)
- BC - THERMOPLASTIC (STRAIGHT ARROW, 90 MILS)
- BD - THERMOPLASTIC (COMBO. STRAIGHT / RIGHT ARROW, 90 MILS)
- BE - THERMOPLASTIC (COMBO. STRAIGHT / LEFT ARROW, 90 MILS)
- BF - THERMOPLASTIC (COMBO. / RIGHT & LEFT ARROW, 90 MILS)

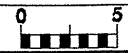
NOTE

EDGE LINES SHALL BE 2.0' FROM PROPOSED EP.
PAINT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, NCDOT ROADWAY STANDARD DRAWINGS, AND THE CURRENT EDITON OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). QUANTITIES FOR THESE ITEMS HAVE BEEN ACCOUNTED FOR IN THE CONTRACT BID FORM.



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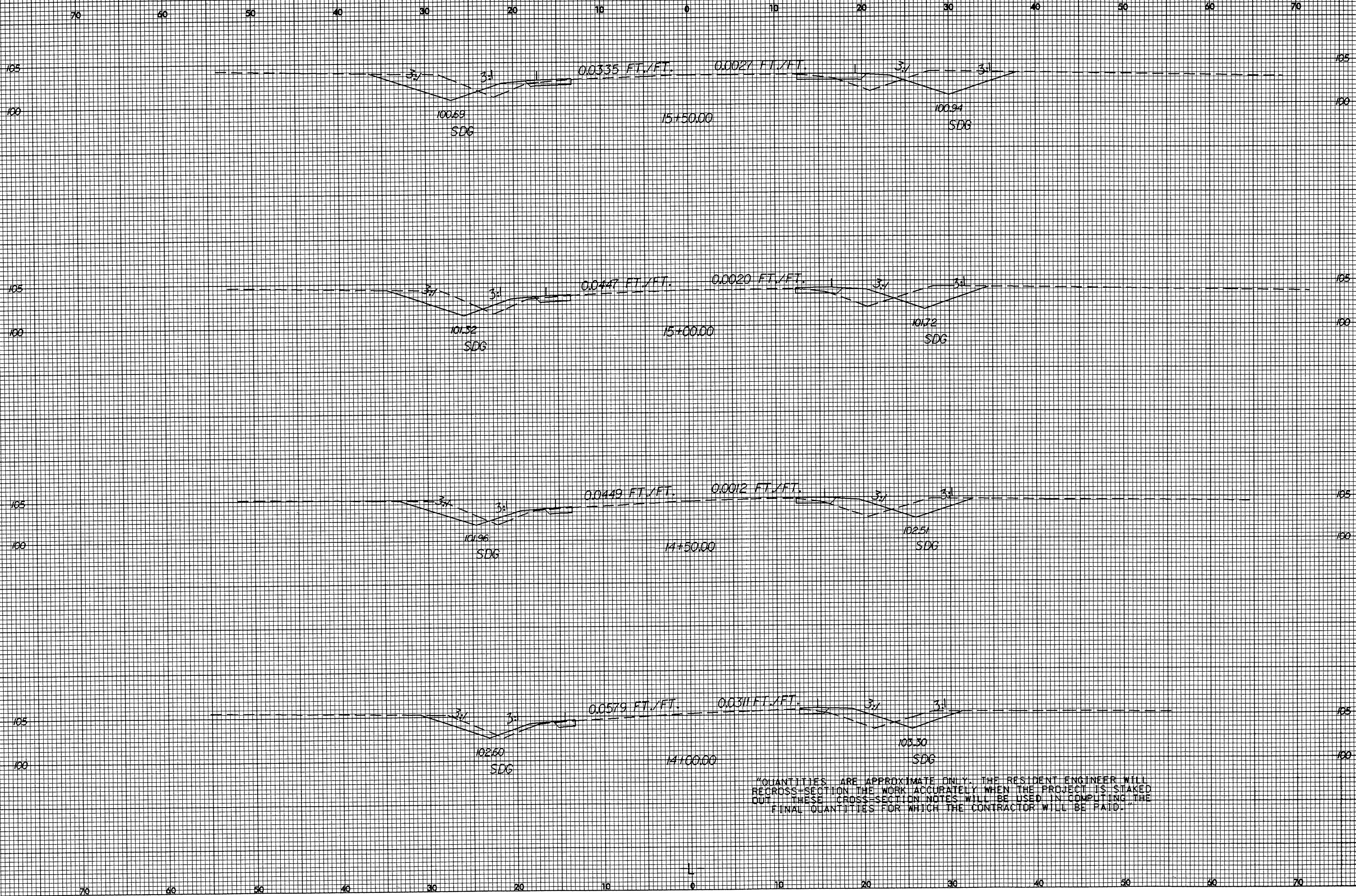
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PROJ. REFERENCE NO.
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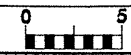
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"QUANTITIES ARE APPROXIMATE ONLY. THE RESIDENT ENGINEER WILL RE-CROSS-SECTION THE WORK ACCURATELY WHEN THE PROJECT IS STAKED OUT. THESE CROSS-SECTION NOTES WILL BE USED IN COMPUTING THE FINAL QUANTITIES FOR WHICH THE CONTRACTOR WILL BE PAID."

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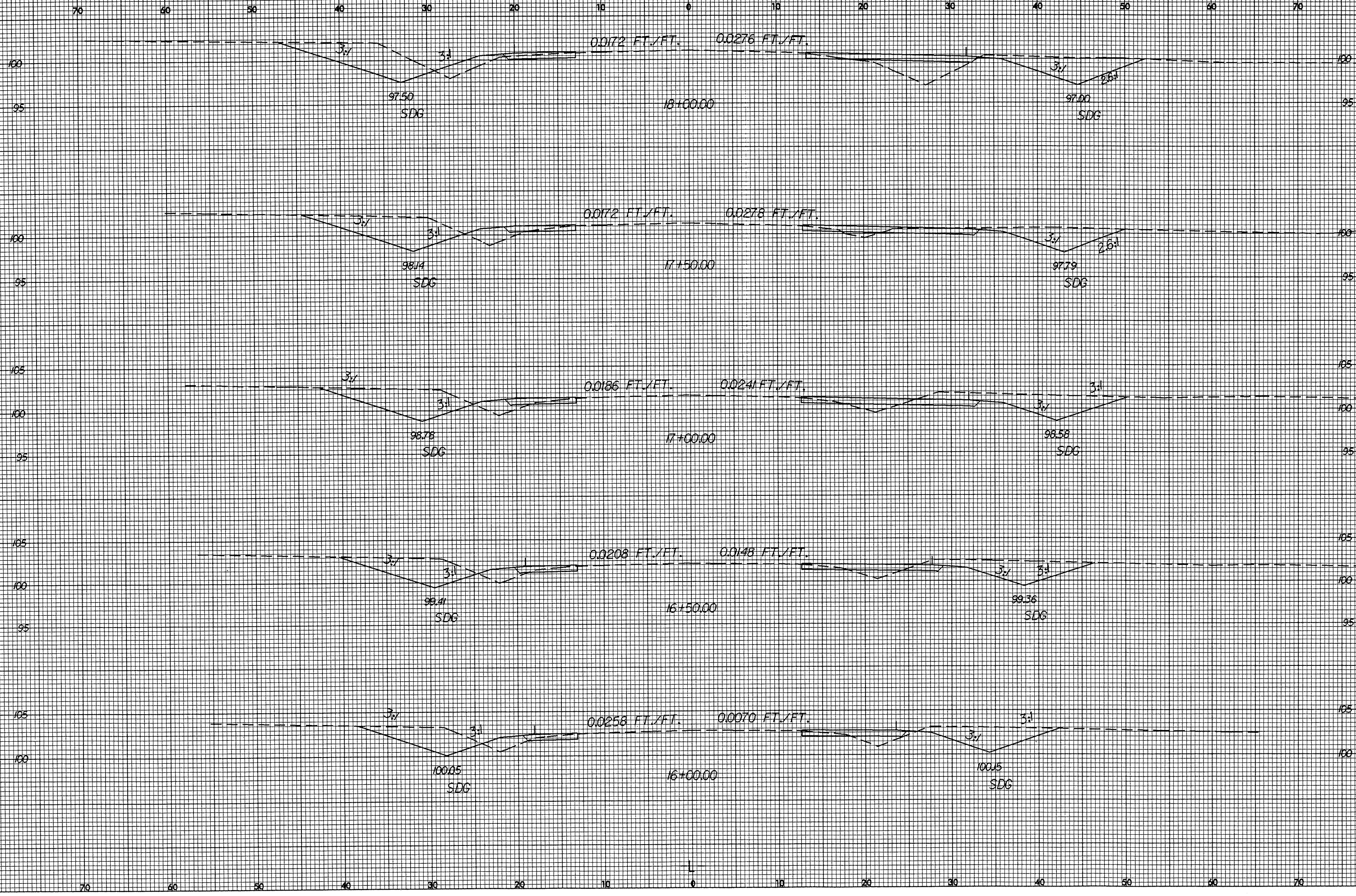
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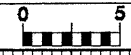
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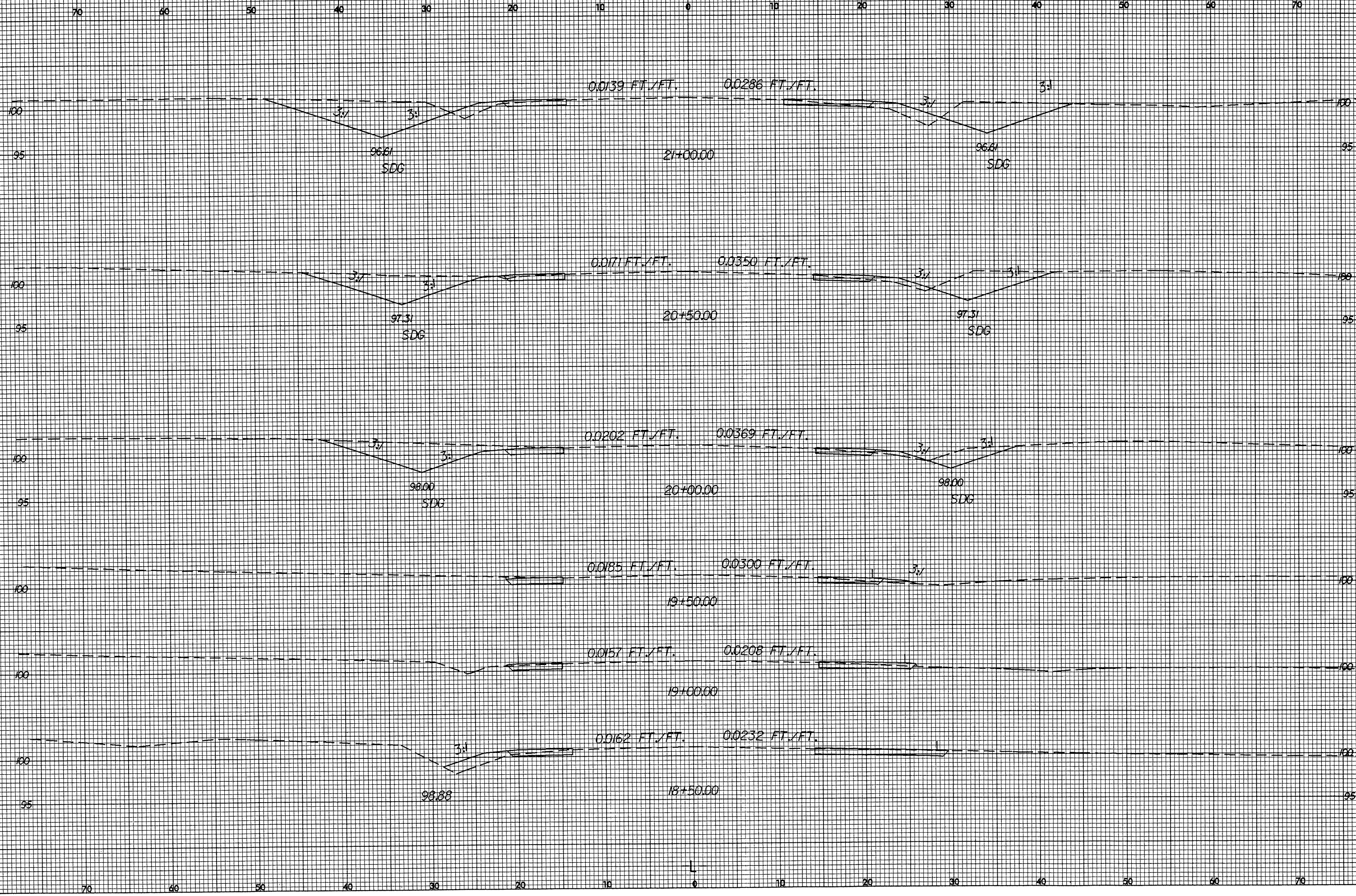
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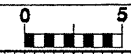
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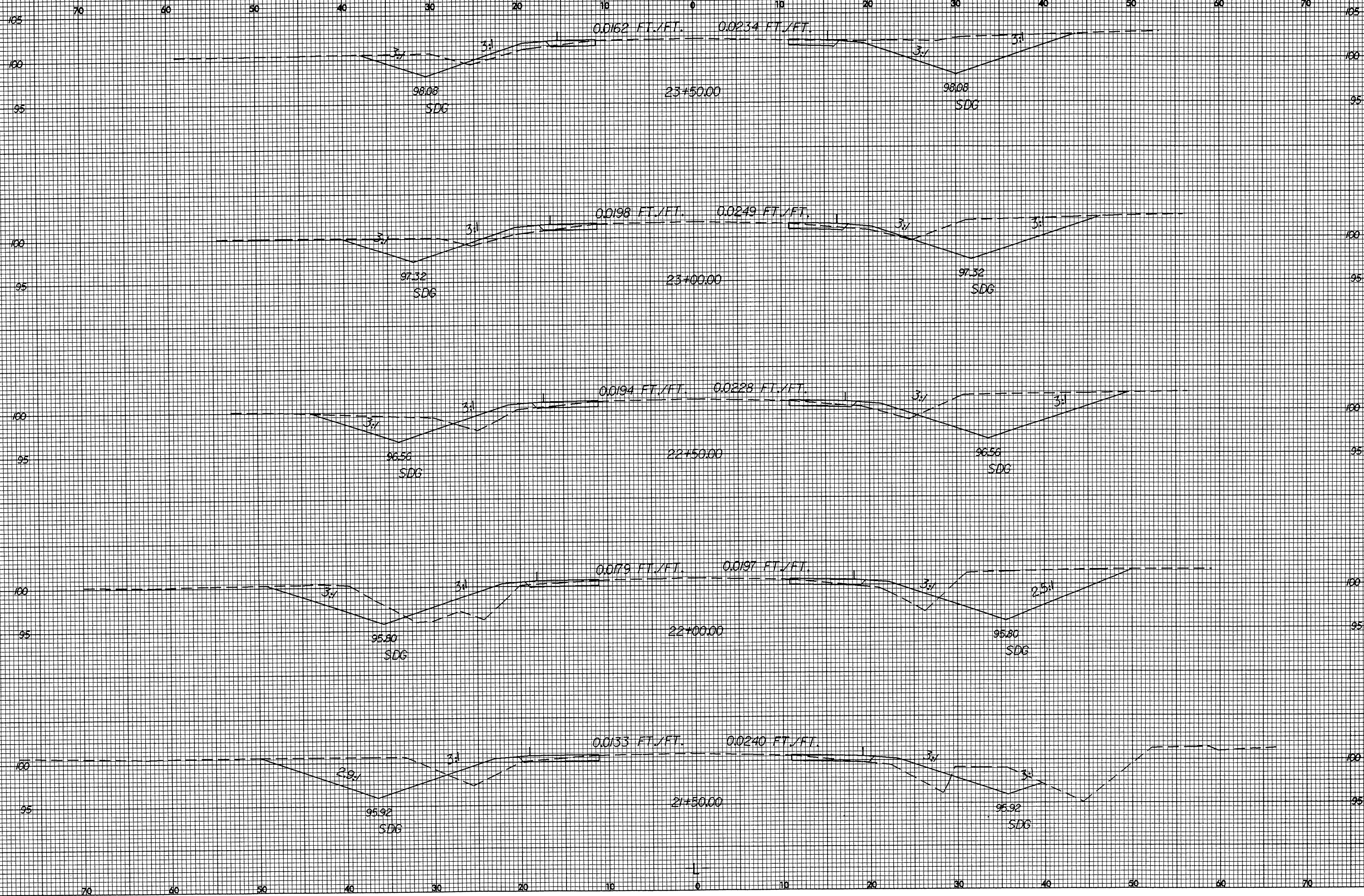
8/23/99



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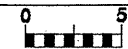
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