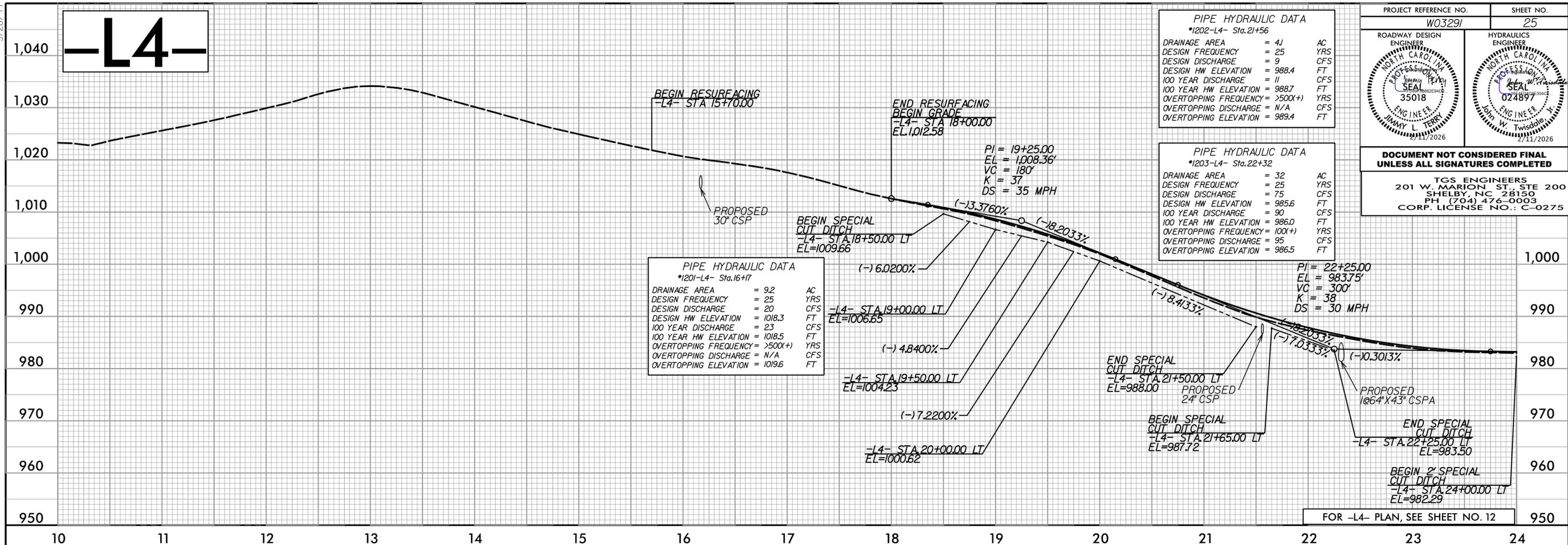


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PROJECT REFERENCE NO. W03291 SHEET NO. 25

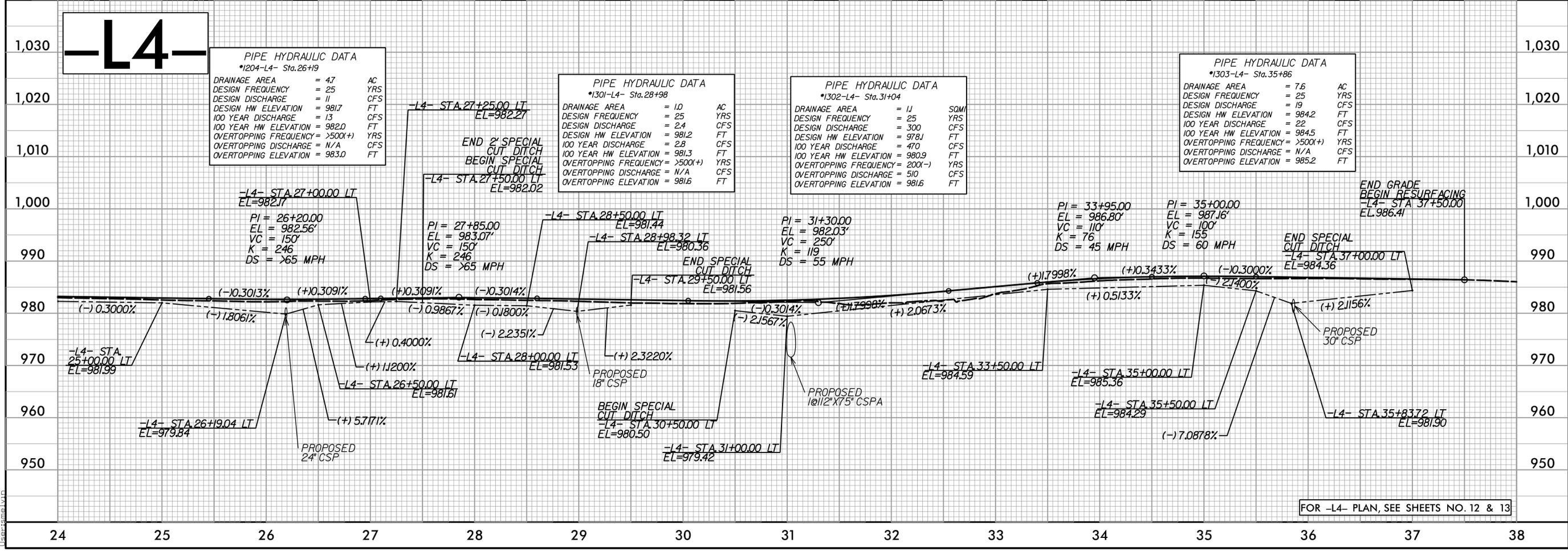
ROADWAY DESIGN ENGINEER
JIMMY L. TERRY
PROFESSIONAL SEAL
35018
ENGINEER
JIMMY L. TERRY
7/11/2026

HYDRAULICS ENGINEER
JOHN W. TWISDALE, JR.
PROFESSIONAL SEAL
024897
ENGINEER
JOHN W. TWISDALE, JR.
7/11/2026

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TGS ENGINEERS
201 W. MARION ST. STE 200
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

-L4-

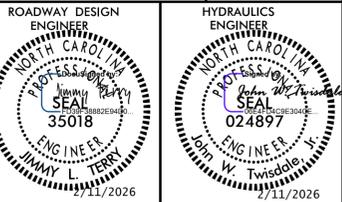


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201 W. MARION ST., STE 200
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

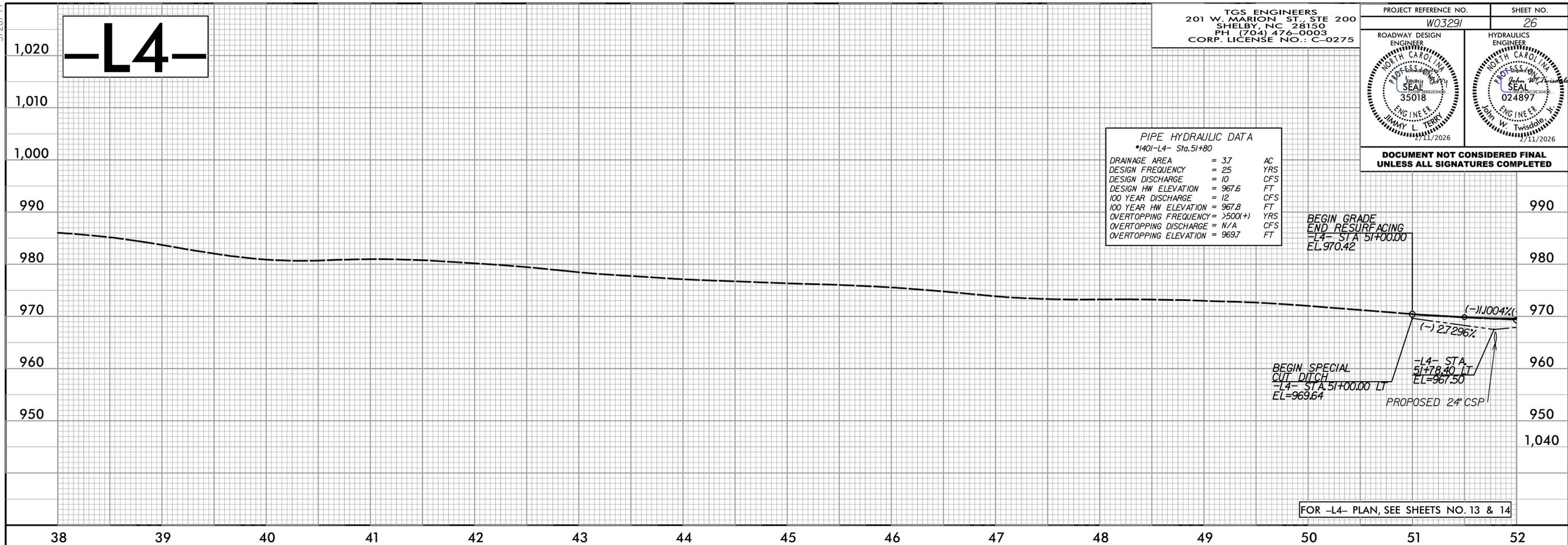
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SHEET NO. 26



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PIPE HYDRAULIC DATA
*1401-L4- Sta.51+80

DRAINAGE AREA	= 3.7	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 10	CFS
DESIGN HW ELEVATION	= 967.6	FT
100 YEAR DISCHARGE	= 12	CFS
100 YEAR HW ELEVATION	= 967.8	FT
OVERTOPPING FREQUENCY	= >500(+)	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= 969.7	FT

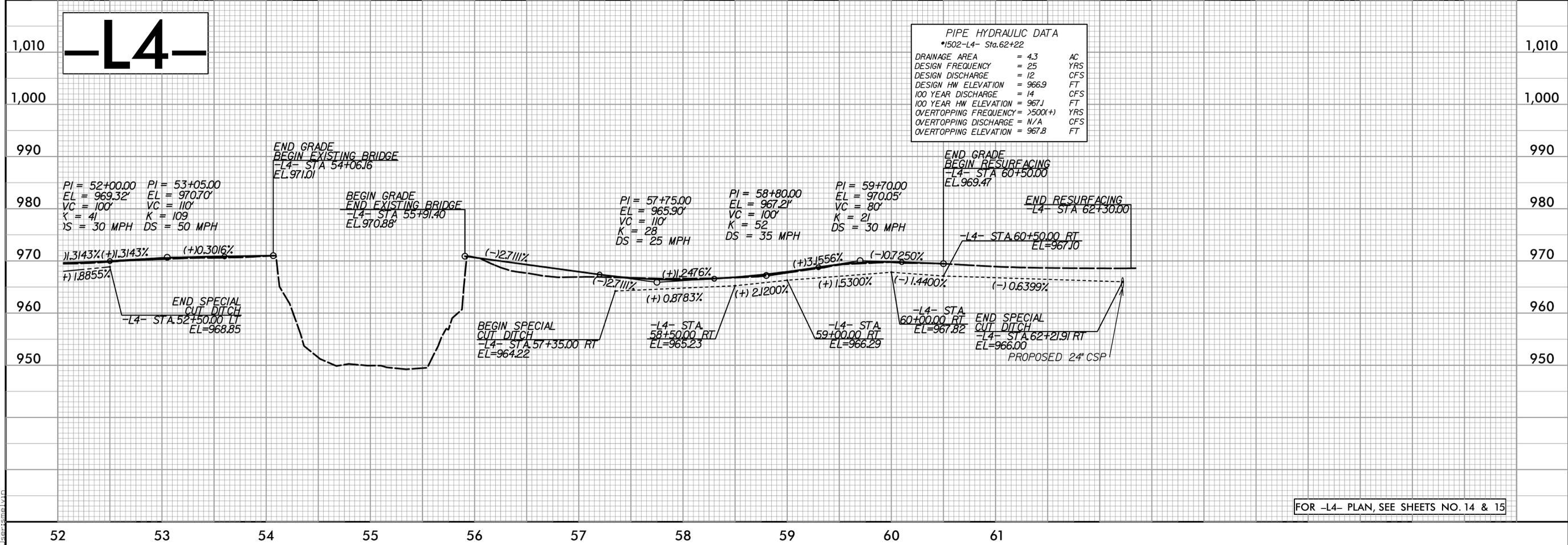


FOR -L4- PLAN, SEE SHEETS NO. 13 & 14

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PIPE HYDRAULIC DATA
*1502-L4- Sta.62+22

DRAINAGE AREA	= 4.3	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 12	CFS
DESIGN HW ELEVATION	= 966.9	FT
100 YEAR DISCHARGE	= 14	CFS
100 YEAR HW ELEVATION	= 967.1	FT
OVERTOPPING FREQUENCY	= >500(+)	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= 967.8	FT



FOR -L4- PLAN, SEE SHEETS NO. 14 & 15

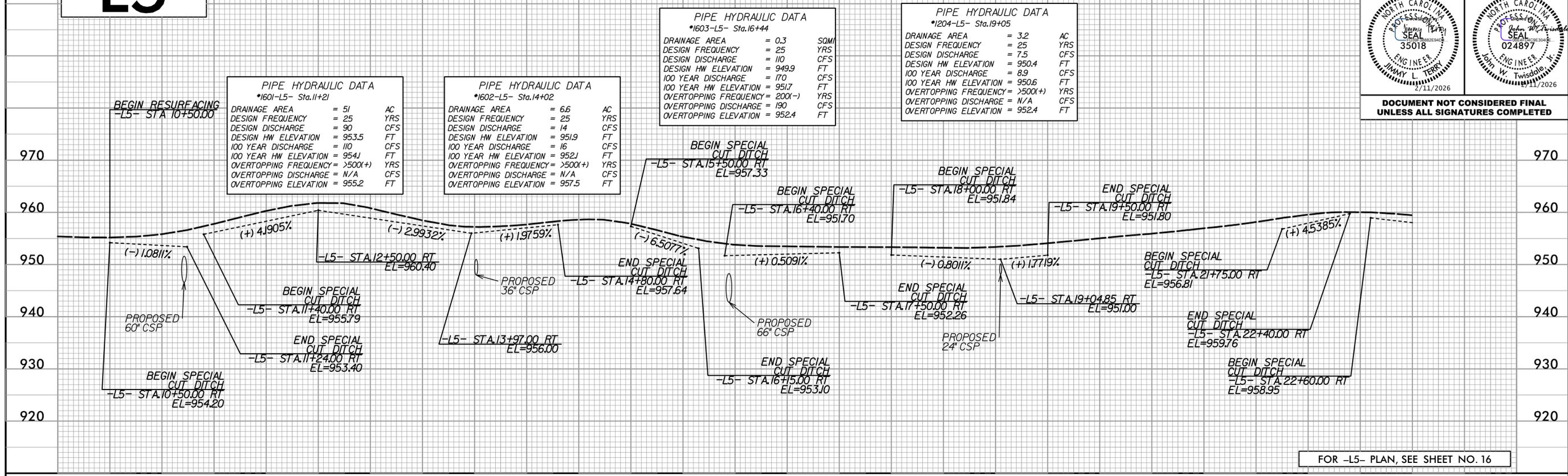
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-L5-

TGS ENGINEERS
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 SHELBY, NC 28150
 PH: (704) 476-0003
 CORP. LICENSE NO.: C-20275

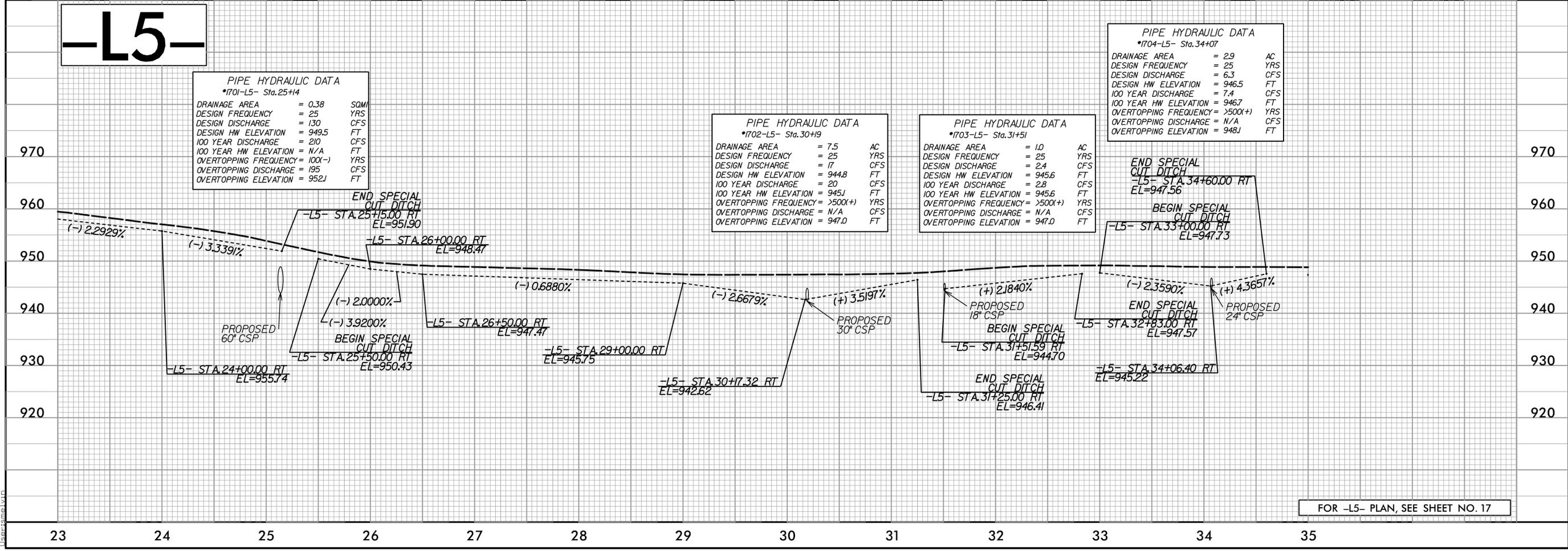
PROJECT REFERENCE NO. W03291	SHEET NO. 27
ROADWAY DESIGN ENGINEER JIMMY L. TERRY PROFESSIONAL SEAL 35018 ENGINEER JIMMY L. TERRY 7/11/2026	HYDRAULICS ENGINEER JOHN W. TWISDALE, JR. PROFESSIONAL SEAL 024897 ENGINEER JOHN W. TWISDALE, JR. 7/11/2026

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FOR -L5- PLAN, SEE SHEET NO. 16

-L5-



FOR -L5- PLAN, SEE SHEET NO. 17

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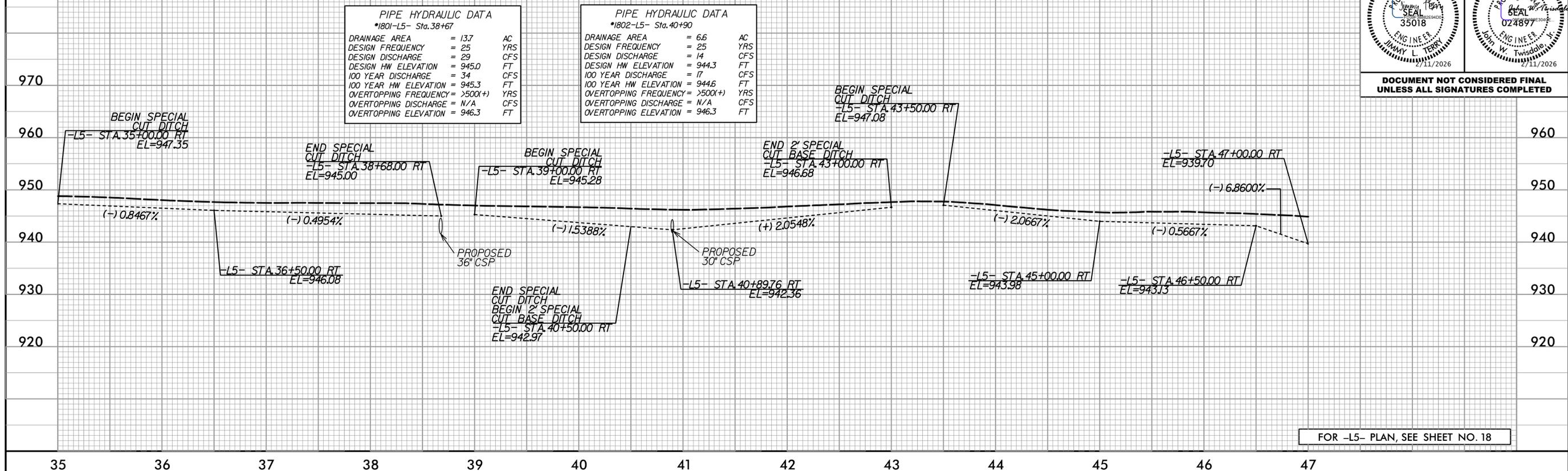
5/28/2026

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TGS ENGINEERS
 201 W. MARION ST., STE 200
 SHELBY, NC 28150
 PH (704) 476-0003
 CORP. LICENSE NO.: C-0275

PROJECT REFERENCE NO. W03291	SHEET NO. 28
ROADWAY DESIGN ENGINEER JIMMY L. TERRY SEAL 35018 7/11/2026	HYDRAULICS ENGINEER John W. Twisdale, Jr. SEAL 024897 7/11/2026

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FOR -L5- PLAN, SEE SHEET NO. 18

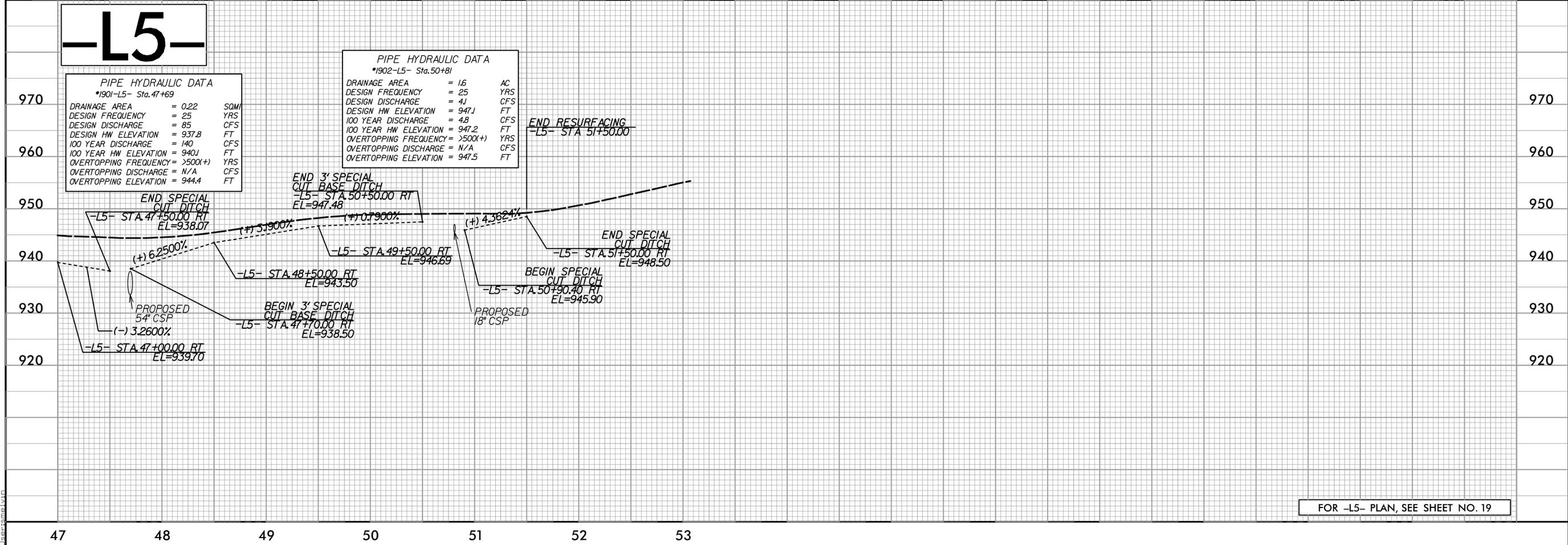
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PIPE HYDRAULIC DATA
 *1901-L5- Sta. 47+69

DRAINAGE AREA	= 0.22	SOM
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 85	CFS
DESIGN HW ELEVATION	= 937.8	FT
100 YEAR DISCHARGE	= 140	CFS
100 YEAR HW ELEVATION	= 940J	FT
OVERTOPPING FREQUENCY	= >500(+)	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= 944.4	FT

PIPE HYDRAULIC DATA
 *1902-L5- Sta. 50+81

DRAINAGE AREA	= 16	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 4J	CFS
DESIGN HW ELEVATION	= 947J	FT
100 YEAR DISCHARGE	= 48	CFS
100 YEAR HW ELEVATION	= 947.2	FT
OVERTOPPING FREQUENCY	= >500(+)	YRS
OVERTOPPING DISCHARGE	= N/A	CFS
OVERTOPPING ELEVATION	= 947.5	FT



FOR -L5- PLAN, SEE SHEET NO. 19

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