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5/28/99

-L_EB-

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905 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL (919) 859-2243
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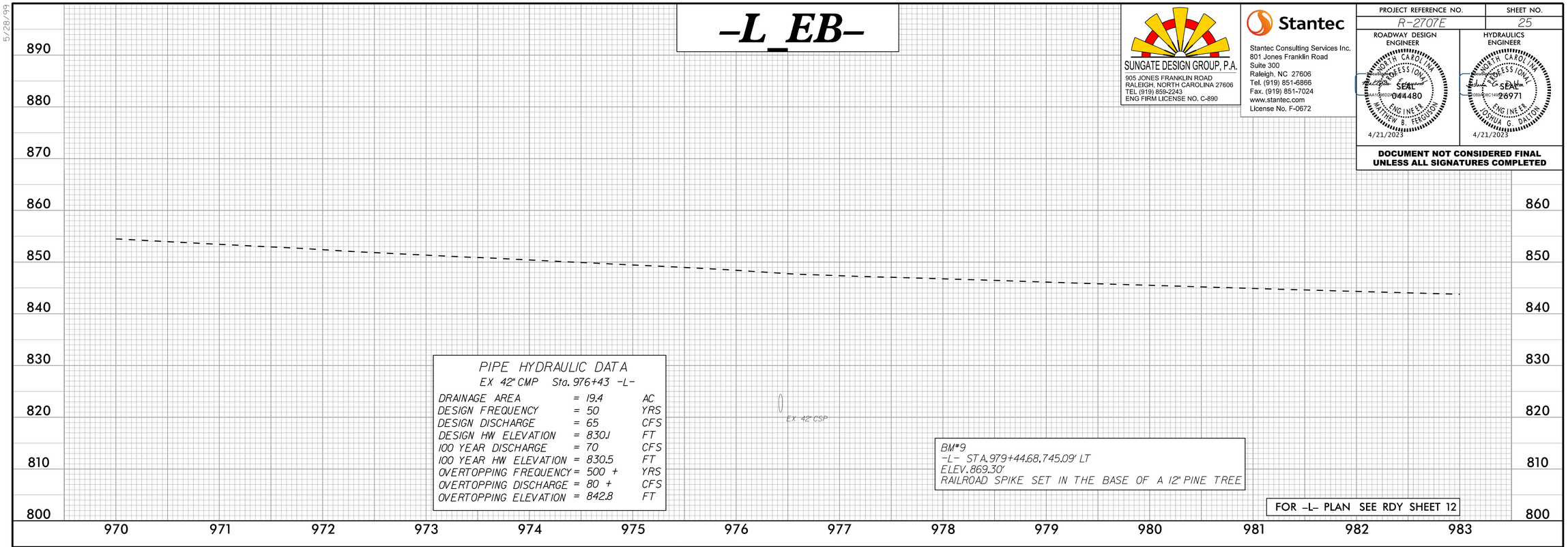
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

PROJECT REFERENCE NO.	SHEET NO.
R-2707E	25

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 044480 ENGINEER MATTHEW B. FERGUSON
4/21/2023

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER JOSHUA G. DALTON
4/21/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



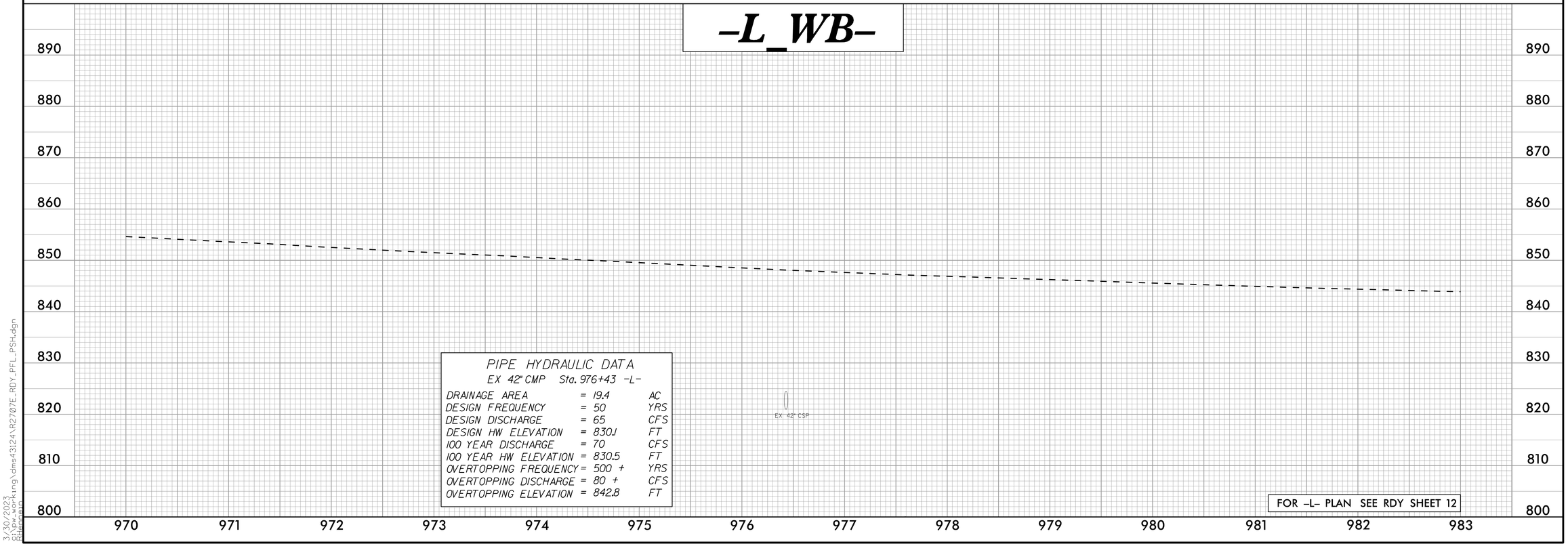
PIPE HYDRAULIC DATA
EX 42" CMP Sta. 976+43 -L-

DRAINAGE AREA	= 19.4	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 65	CFS
DESIGN HW ELEVATION	= 830.1	FT
100 YEAR DISCHARGE	= 70	CFS
100 YEAR HW ELEVATION	= 830.5	FT
OVERTOPPING FREQUENCY	= 500 +	YRS
OVERTOPPING DISCHARGE	= 80 +	CFS
OVERTOPPING ELEVATION	= 842.8	FT

BM#9
-L- STA. 979+44.68, 745.09' LT
ELEV. 869.30'
RAILROAD SPIKE SET IN THE BASE OF A 12" PINE TREE

FOR -L- PLAN SEE RDY SHEET 12

-L_WB-



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FOR -L- PLAN SEE RDY SHEET 12

3/30/2023
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RHenrique