

5/28/99

BMC4 ELEVATION = 3054.68
-L- STATION 358+01.572' RIGHT
8" SPIKE IN ROOT OF 10" CRAB APPLE TREE

-L-

LOCHNER
H. W. LOCHNER, INC.
2840 PLAZA PLACE, SUITE 202
RALEIGH, NC 27612
(919)571-7111
NC License Number F-0159

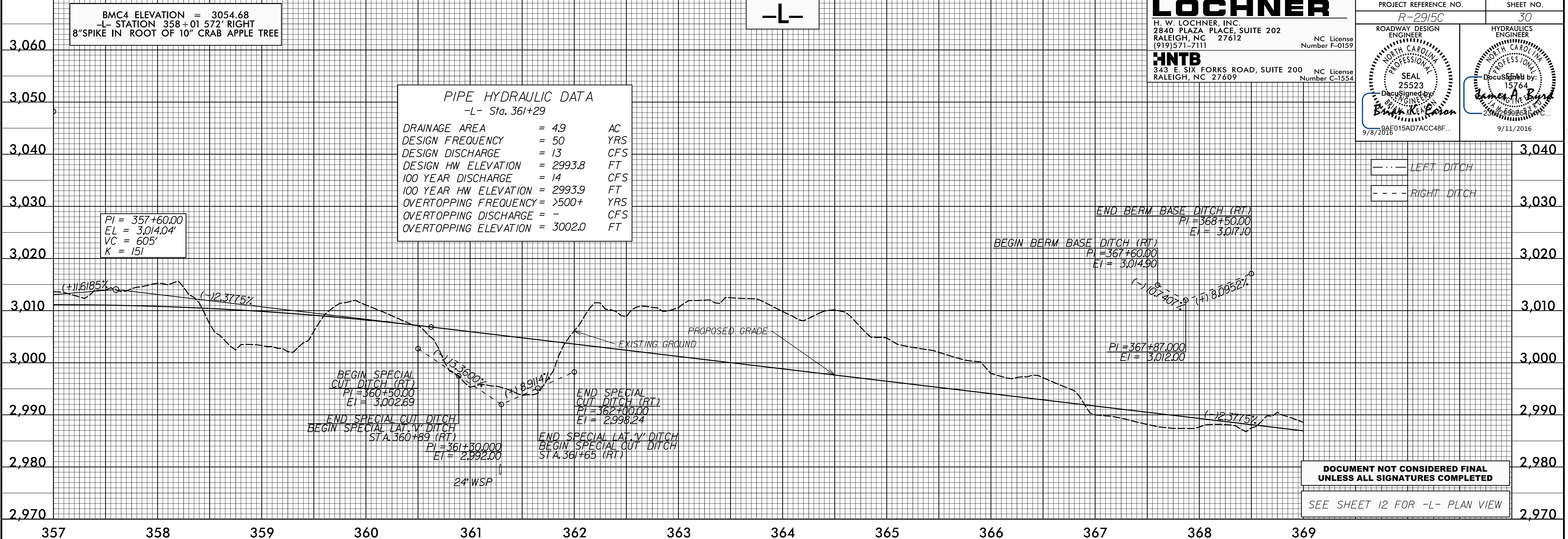
HNTB
343 E. SIX FORKS ROAD, SUITE 200
RALEIGH, NC 27609
NC License Number C-1554

PROJECT REFERENCE NO. R-2915C	SHEET NO. 30
ROADWAY DESIGN ENGINEER SEAL 25523 DocuSigned by: Blair K. Pearson 9/8/2016	HYDRAULICS ENGINEER SEAL 15764 DocuSigned by: James A. Bind 9/11/2016

PIPE HYDRAULIC DATA
-L- Sta. 361+29

DRAINAGE AREA	= 4.9	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 13	CFS
DESIGN HW ELEVATION	= 2993.8	FT
100 YEAR DISCHARGE	= 14	CFS
100 YEAR HW ELEVATION	= 2993.9	FT
OVERTOPPING FREQUENCY	= >500+	YRS
OVERTOPPING DISCHARGE	= -	CFS
OVERTOPPING ELEVATION	= 3002.0	FT

PI = 357+60.00
EL = 3,014.04'
VC = 605'
K = 151

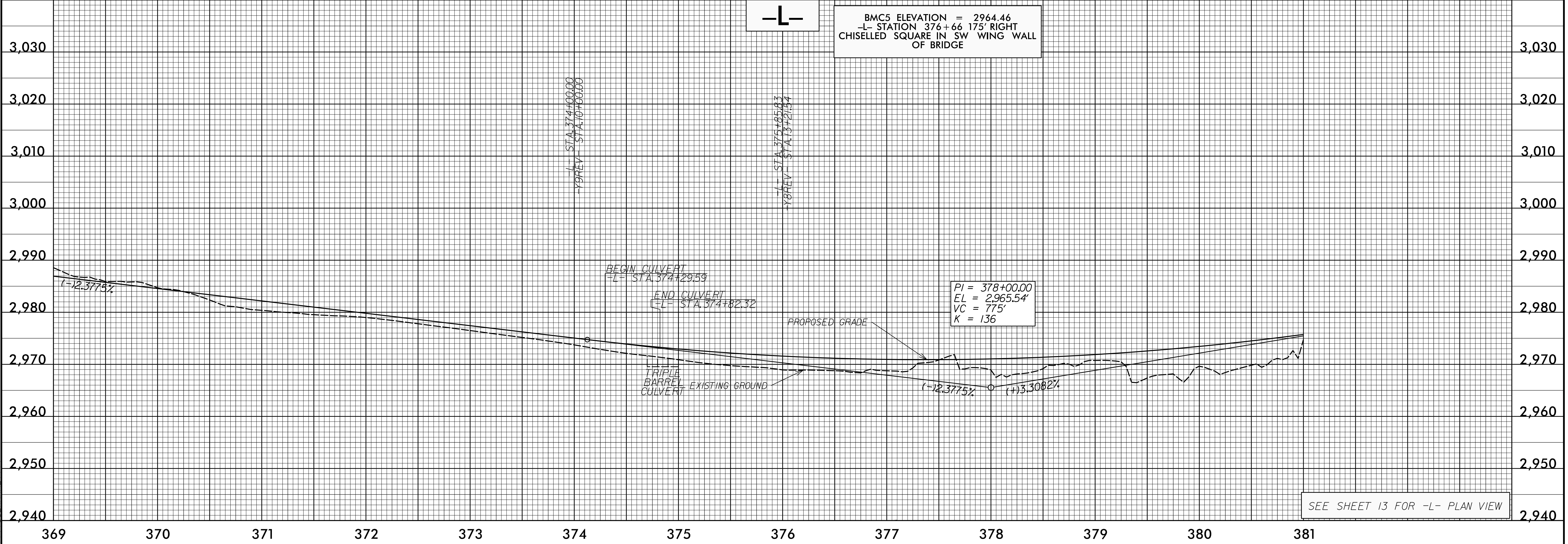


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED
SEE SHEET 12 FOR -L- PLAN VIEW

-L-

BMC5 ELEVATION = 2964.46
-L- STATION 376+66.175' RIGHT
CHISELLED SQUARE IN SW WING WALL
OF BRIDGE

PI = 378+00.00
EL = 2,965.54'
VC = 775'
K = 136



SEE SHEET 13 FOR -L- PLAN VIEW

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