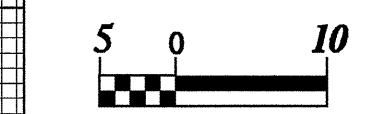


10/7/05

★BM # R-2552-8 EL 84.103
1.166m LT -IYYI- STA 27+40.737



PROJECT REFERENCE NO. R-2552AA	SHEET NO. 32
ROADWAY DESIGN ENGINEER NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 22824 W. W. MUMFORD 3/16/05	HYDRAULICS ENGINEER NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 18533 T. T. NOTTINGHAM 3/17/05



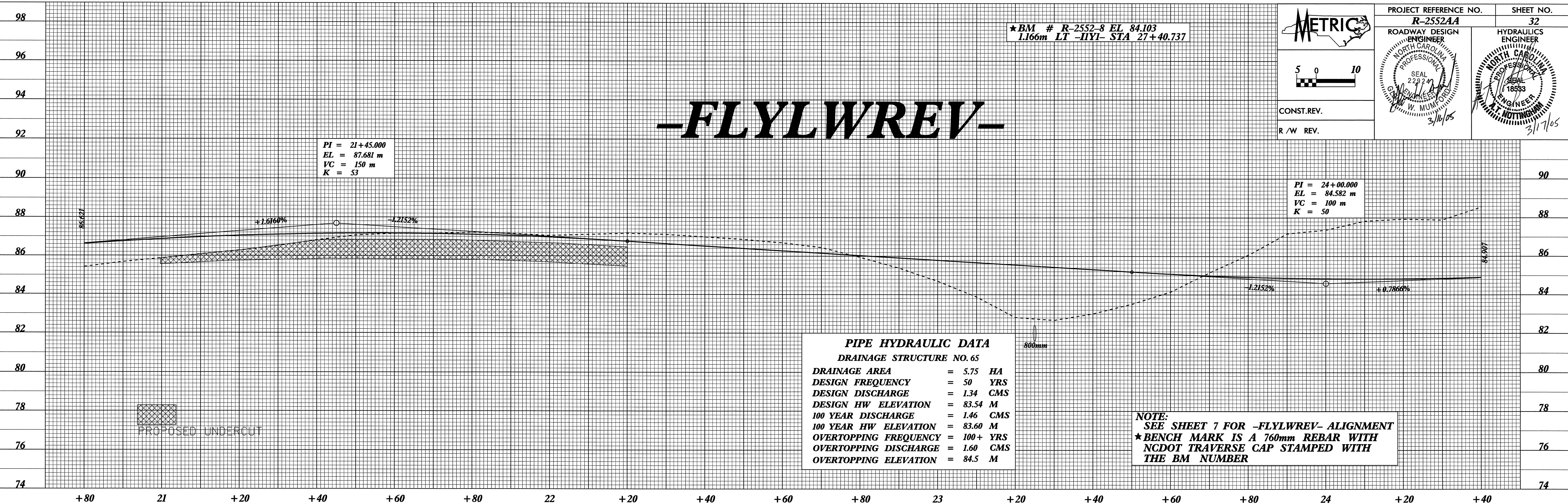
CONST. REV.

R /W REV.

-FLYLWREV-

PI = 21+45.000
EL = 87.681 m
VC = 150 m
K = 53

PI = 24+00.000
EL = 84.582 m
VC = 100 m
K = 50



PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO. 65

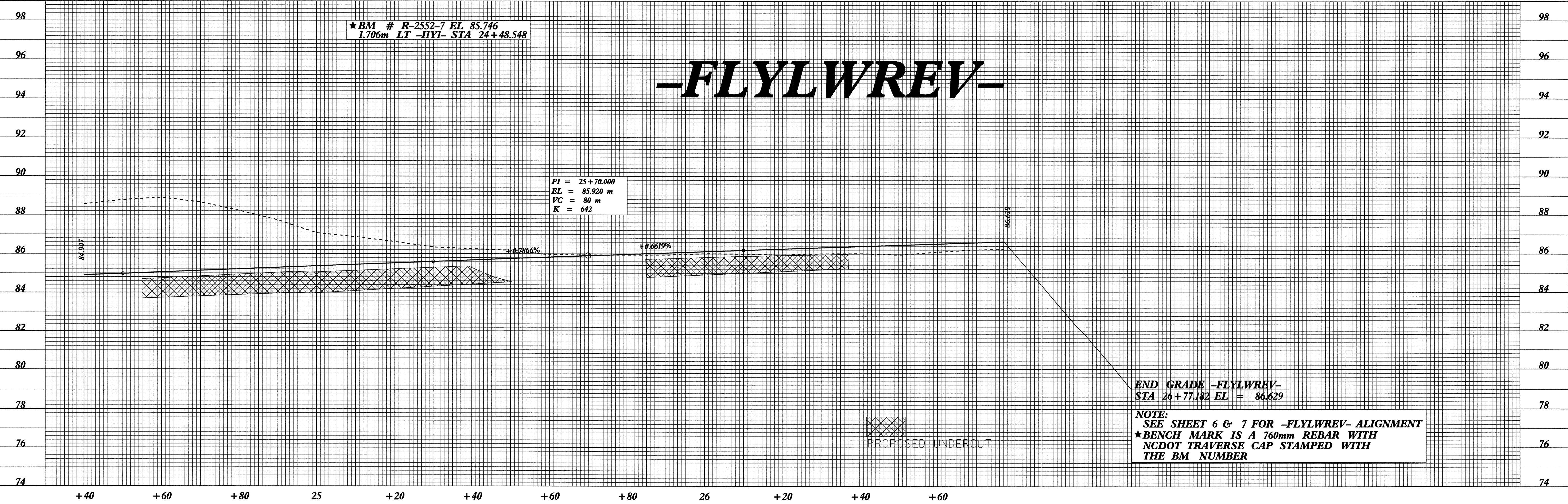
DRAINAGE AREA	= 5.75 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 1.34 CMS
DESIGN HW ELEVATION	= 83.54 M
100 YEAR DISCHARGE	= 1.46 CMS
100 YEAR HW ELEVATION	= 83.60 M
OVERTOPPING FREQUENCY	= 100+ YRS
OVERTOPPING DISCHARGE	= 1.60 CMS
OVERTOPPING ELEVATION	= 84.5 M

NOTE:
SEE SHEET 7 FOR -FLYLWREV- ALIGNMENT
★BENCH MARK IS A 760mm REBAR WITH
NCDOT TRAVERSE CAP STAMPED WITH
THE BM NUMBER

★BM # R-2552-7 EL 85.746
1.706m LT -IYYI- STA 24+48.548

-FLYLWREV-

PI = 25+70.000
EL = 85.920 m
VC = 80 m
K = 642



END GRADE -FLYLWREV-
STA 26+77.182 EL = 86.629

NOTE:
SEE SHEET 6 & 7 FOR -FLYLWREV- ALIGNMENT
★BENCH MARK IS A 760mm REBAR WITH
NCDOT TRAVERSE CAP STAMPED WITH
THE BM NUMBER

26-AN-2005-10-05
E:\Morrison AT 10282888\intermap1