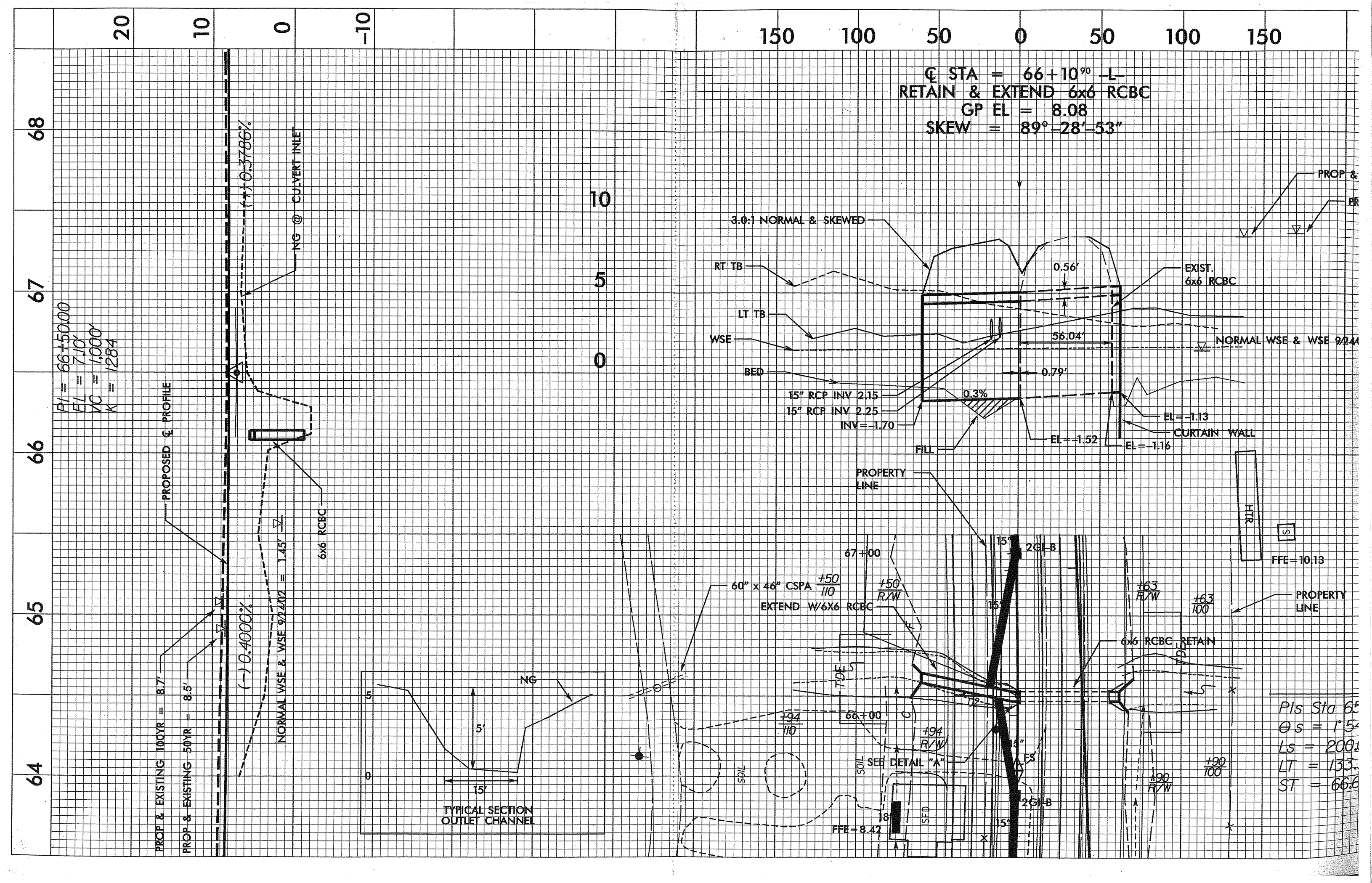
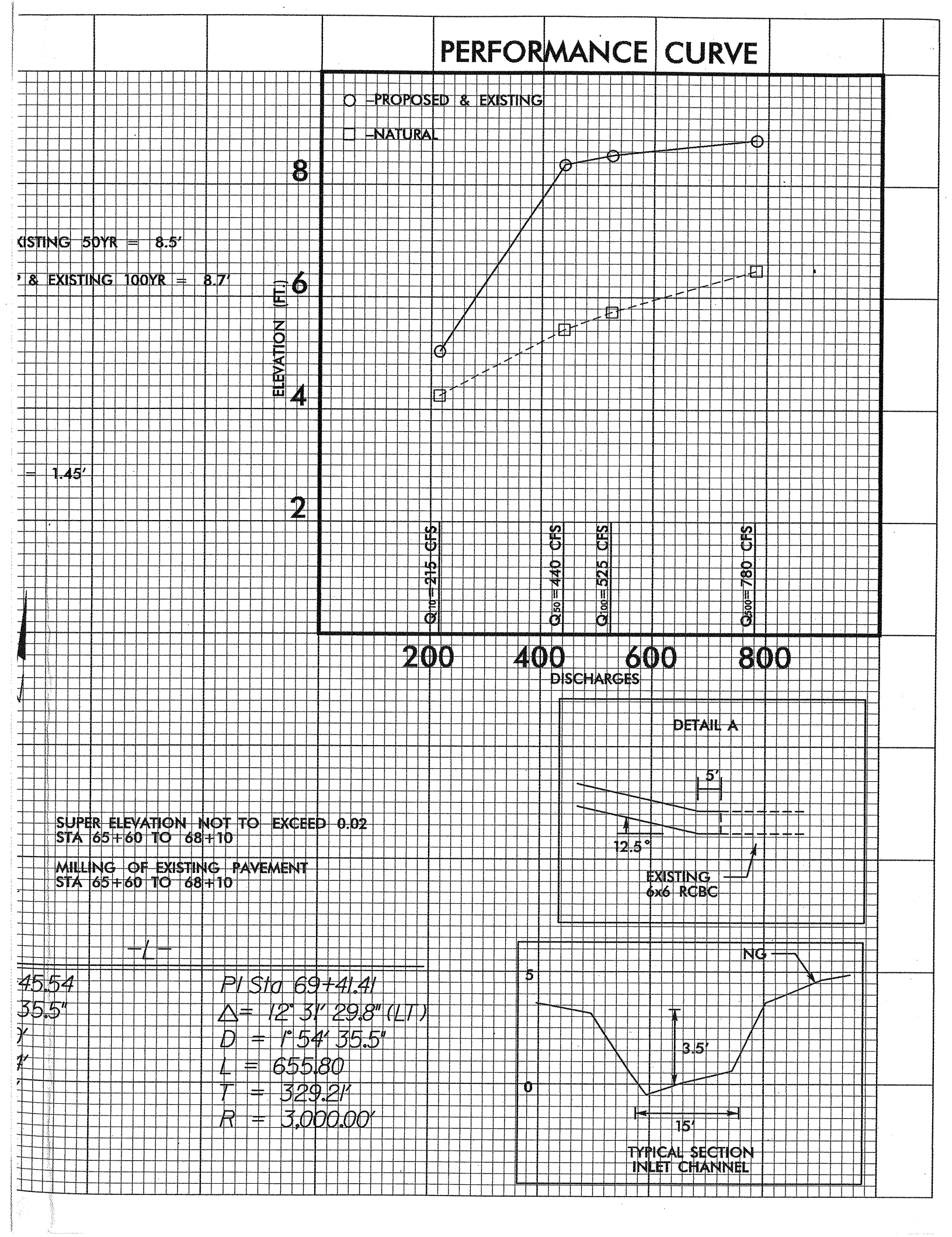

℄ STA = 66+10.90 -L-
RETAIN & EXTEND 6x6 RCBC
GP EL = 8.08
SKEW = 89°-28'-53"
PI = 66+50.00
EL = 7.10
VC = 1,000'
K = 1284
(+) 0.3786%
NG @ CULVERT INLET
PROPOSED ℄ PROFILE
(-) 0.4000%
NORMAL WSE & WSE 9/24/02 = 1.45'
6x6 RCBC
PROP & EXISTING 100YR = 8.7'
PROP & EXISTING 50YR = 8.5'
3.0:1 NORMAL & SKEWED
RT TB
LT TB
WSE
BED
15" RCP INV 2.15
15" RCP INV 2.25
INV=-1.70
FILL
0.56'
56.04'
0.79'
0.3%
EXIST. 6x6 RCBC
NORMAL WSE & WSE 9/24
EL=-1.13
CURTAIN WALL
EL=-1.52
EL=-1.16
PROPERTY LINE
FFE=10.13
60" x 46" CSPA
EXTEND W/6X6 RCBC
6x6 RCBC RETAIN
TOE
SEE DETAIL "A"
FFE=8.42
TYPICAL SECTION OUTLET CHANNEL
NG
5'
15'
PIs Sta 65
Θs = 1°54
Ls = 200.
LT = 133.
ST = 66.6
45.54
35.5'


PERFORMANCE CURVE
○ -PROPOSED & EXISTING
□ -NATURAL
ELEVATION (FT.)
DISCHARGES
Q10=215 CFS
Q25=440 CFS
Q50=525 CFS
Q100=780 CFS
EXISTING 50YR = 8.5'
& EXISTING 100YR = 8.7'
= 1.45'
SUPER ELEVATION NOT TO EXCEED 0.02
STA 65+60 TO 68+10
MILLING OF EXISTING PAVEMENT
STA 65+60 TO 68+10
-L-
PI Sta 69+41.41
Δ = 12° 31' 29.8" (LT)
D = 1° 54' 35.5"
L = 655.80
T = 329.21'
R = 3,000.00'
DETAIL A
12.5°
EXISTING 6x6 RCBC
NG
3.5'
15'
TYPICAL SECTION INLET CHANNEL