NOTE:
EXISTING PROFILE IS UNDER THE GRADE POINT ON EXISTING PAVEMENT SIDE EXCEPT IN TRANSITION AREAS WHERE EXISTING PROFILE IS SHOWN UNDER EACH GRADE POINT.

-L- REV

BM#9, ELEV.46.289m SURVEY BL STA.56+69 OFFSET 34m LEFT
RR SPIKE SET IN ROOT OF 24" PINE TREE
N 1058694.21 E 633433.70

D.A.= 3.60 HA
DESIGN DISCHARGE= 0.36 cms
DESIGN FREQ.= 50-YR
DESIGN H.W.= 46.23 m
BASE FLOOD DISCHARGE=0.40cms
BASE FLOOD FREQ.= 100-YR
BASE FLOOD ELEV.= 46.28 m
OVERTOPPING DISCHARGE=0.65cms
OVERTOPPING FREQ.= 500-YR
OVERTOPPING ELEV.= 47.60m

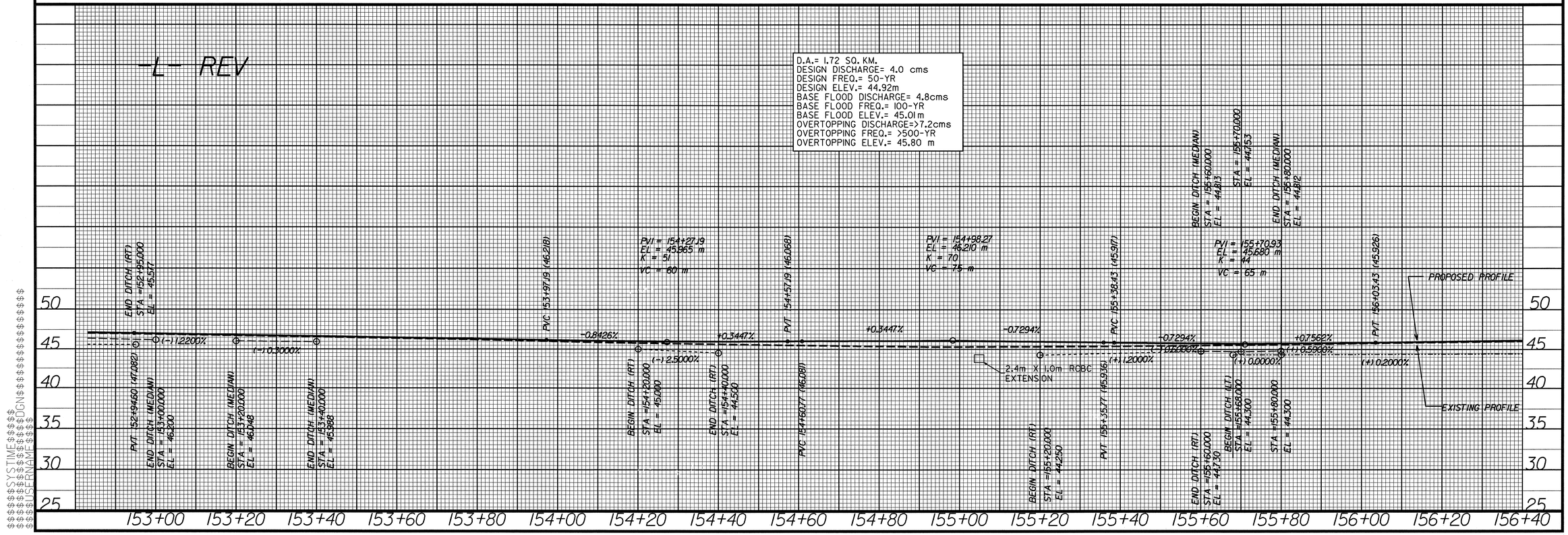
PVI = 150+48.63
EL = 47.011m
K = 104
VC = 91m

PVI = 152+36.10
EL = 47.575 m
K = 102
VC = 117 m

PROPOSED PROFILE

EXISTING PROFILE

PVT 149+73.73 (46.32)
END DITCH (RT) @
STA =149+80.000
EL = 44.634
(+) 1.5900%
PVC 150+03.13 (46.477)
BEGIN DITCH (MEDIAN)
STA =150+20.000
EL = 46.417
+1.1730%
STA =150+60.000
EL = 46.357
(-) 0.3000%
+0.3008%
END DITCH (MEDIAN)
STA =150+80.000
EL = 46.417
(+) 0.3000%
PVT 150+19.13 (47.148)
BEGIN DITCH (LT)
STA = 151+40.000
EL = 46.060
BEGIN DITCH (MEDIAN)
STA =151+60.000
EL = 46.321
BEGIN DITCH (RT)
STA =151+80.000
EL = 45.832
PVC 151+77.80 (47.398)
+0.3008%
(-) 0.3600%
(-) 0.3000%
-0.8426%
STA = 152+60.000
EL = 46.621
(-) 0.2217%
(-) 0.8850%
STA = 152+80.000
EL = 46.444
END DITCH (LT)
STA =152+60.000
EL = 45.760



$$$$SYSTIME$$$$
$$$$USERNAME$$$$
$$$$DGN$$$$