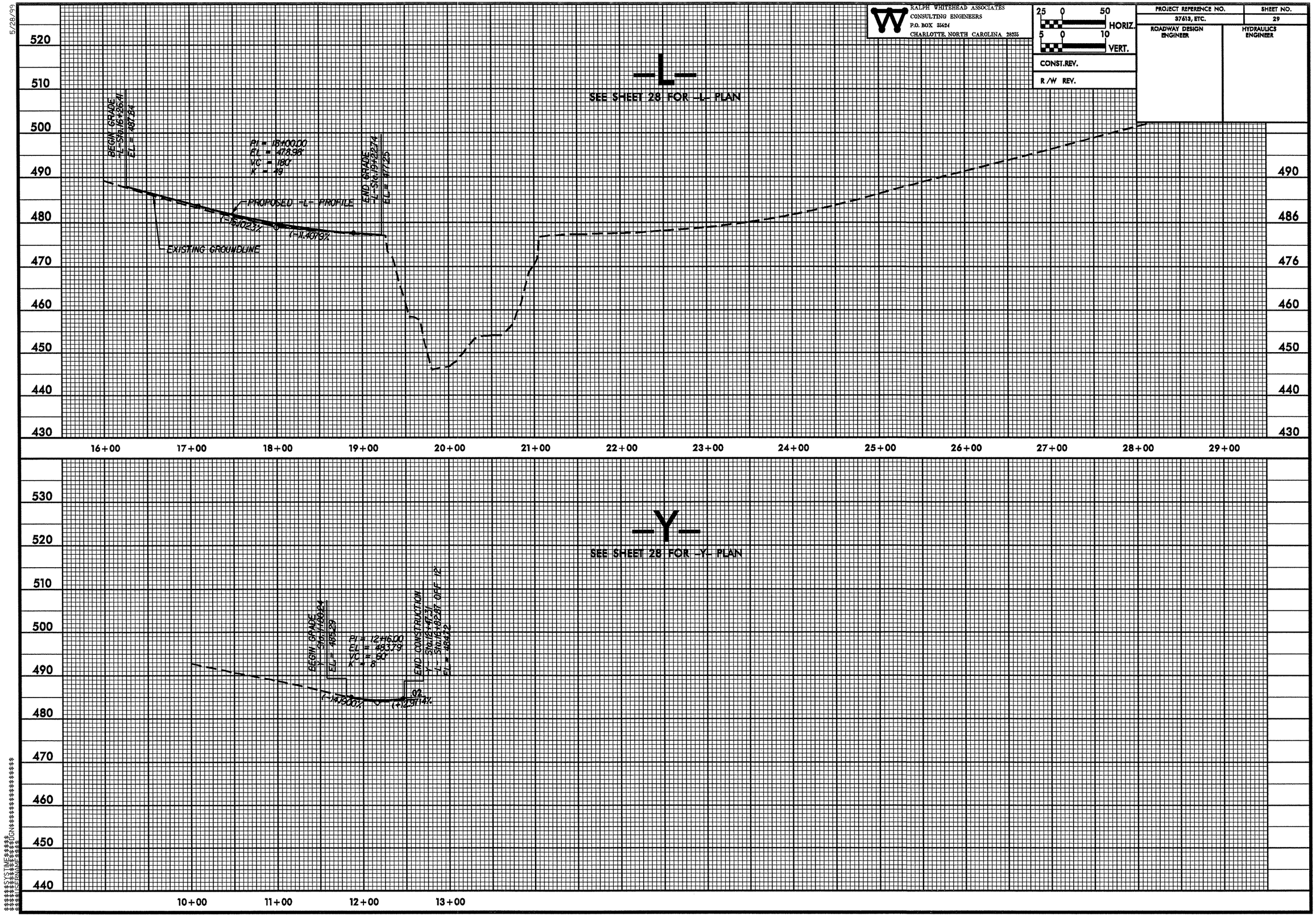

RALPH WHITEHEAD ASSOCIATES
CONSULTING ENGINEERS
P.O. BOX 35624
CHARLOTTE, NORTH CAROLINA 28235
25 0 50 HORIZ.
5 0 10 VERT.
CONST.REV.
R/W REV.
PROJECT REFERENCE NO.
37613, ETC.
SHEET NO.
29
ROADWAY DESIGN ENGINEER
HYDRAULICS ENGINEER
-L-
SEE SHEET 28 FOR -L- PLAN
BEGIN GRADE
-L- Sta.16+26.41
EL = 487.84
PI = 18+00.00
EL = 478.98'
VC = 180'
K = 49
END GRADE
-L- Sta.19+22.74
EL = 477.25
PROPOSED -L- PROFILE
(-)5.1023%
(-)1.4079%
EXISTING GROUNDLINE
520
510
500
490
480
470
460
450
440
430
486
476
16+00
17+00
18+00
19+00
20+00
21+00
22+00
23+00
24+00
25+00
26+00
27+00
28+00
29+00
-Y-
SEE SHEET 28 FOR -Y- PLAN
BEGIN GRADE
-Y- Sta.11+80.24
EL = 485.29
PI = 12+16.00
EL = 483.79
VC = 60'
K = 8
END CONSTRUCTION
-Y- Sta.12+47.31
-L- Sta.16+82.87 OFF 12'
EL = 484.72
(-)4.1900%
(+)2.9714%
02
530
10+00
11+00
12+00
13+00