

5/14/1999

Kimley»Horn

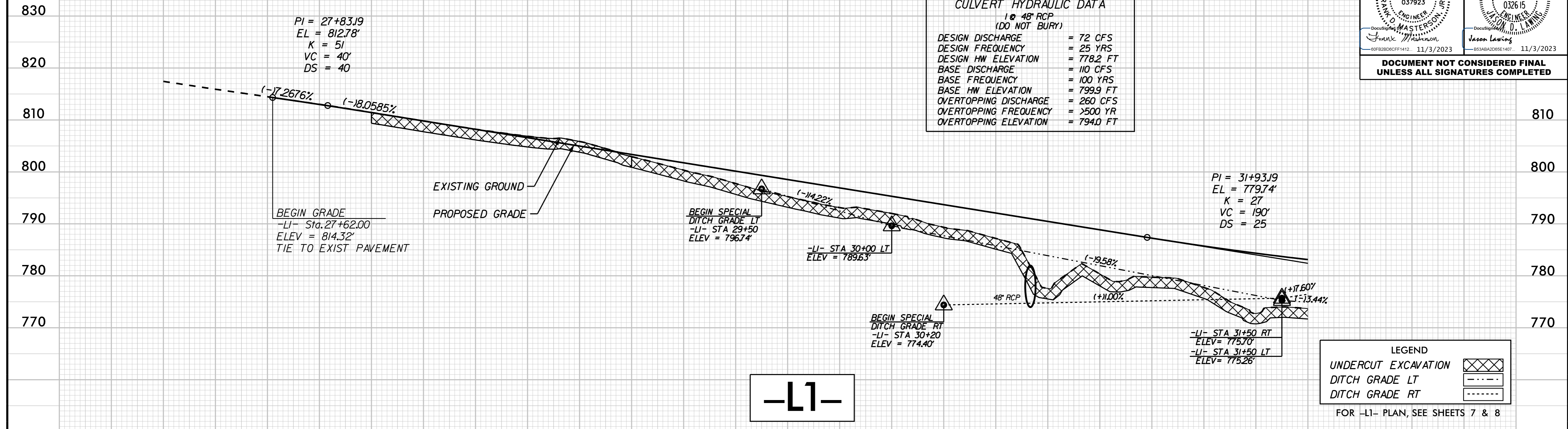
200 SOUTH TRYON, SUITE 200
CHARLOTTE, N.C. 28202

PROJECT REFERENCE NO. U-5907	SHEET NO. 14
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
11/3/2023	11/3/2023

CULVERT HYDRAULIC DATA
1 @ 48" RCP
(DO NOT BURY)

DESIGN DISCHARGE	= 72 CFS
DESIGN FREQUENCY	= 25 YRS
DESIGN HW ELEVATION	= 778.2 FT
BASE DISCHARGE	= 110 CFS
BASE FREQUENCY	= 100 YRS
BASE HW ELEVATION	= 799.9 FT
OVERTOPPING DISCHARGE	= 260 CFS
OVERTOPPING FREQUENCY	= >500 YR
OVERTOPPING ELEVATION	= 794.0 FT

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

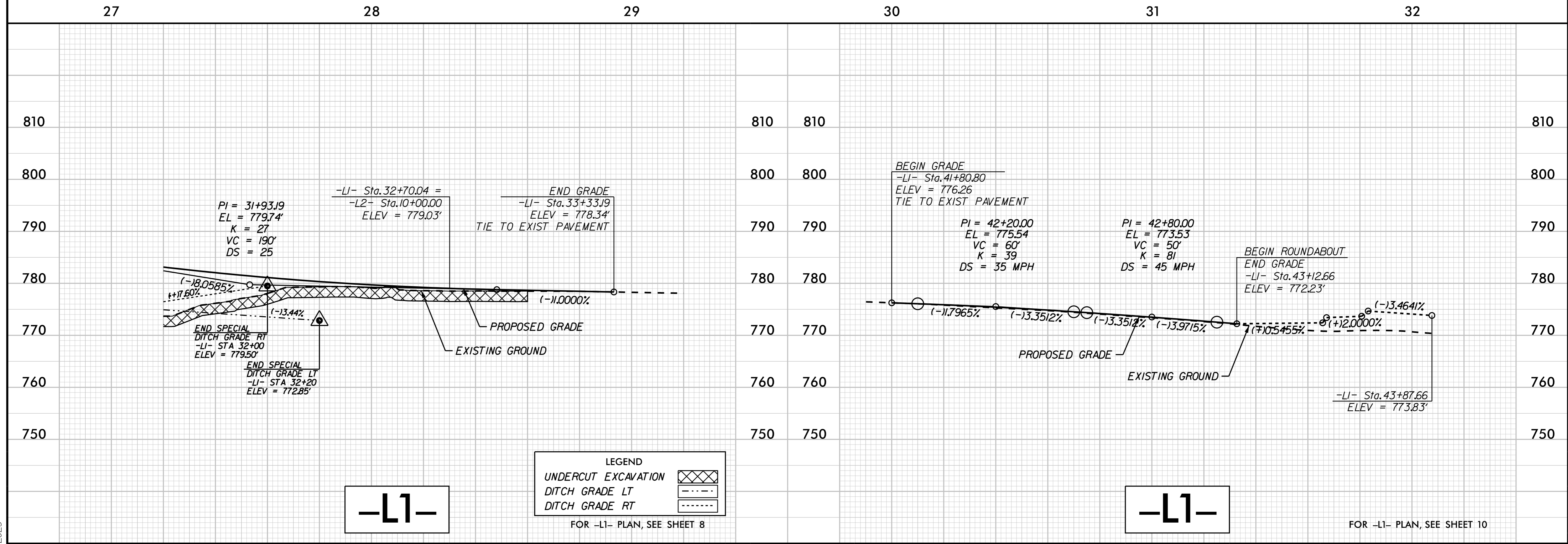


-L1-

LEGEND

- UNDERCUT EXCAVATION
- DITCH GRADE LT
- DITCH GRADE RT

FOR -L1- PLAN, SEE SHEETS 7 & 8



-L1-

-L1-

LEGEND

- UNDERCUT EXCAVATION
- DITCH GRADE LT
- DITCH GRADE RT

FOR -L1- PLAN, SEE SHEET 8

FOR -L1- PLAN, SEE SHEET 10

11/3/2023