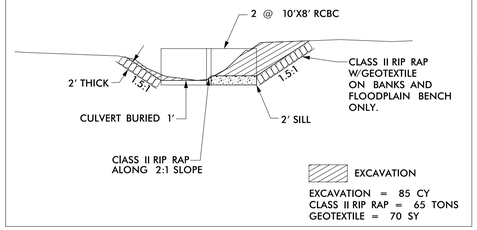
*DESIGN EXCEPTION:
SAG VERTICAL CURVE K
VERTICAL SSD

INLET DETAIL (LOOKING DOWNSTREAM)

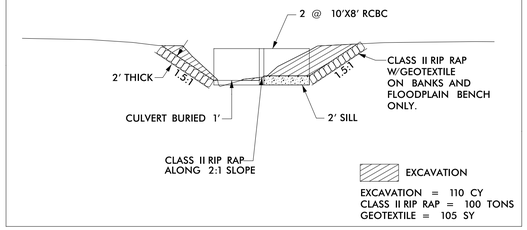
NOTE:
SILLS TO BE LOCATED AT THE INLET AND OUTLET ONLY



EXCAVATION = 85 CY
CLASS II RIP RAP = 65 TONS
GEOTEXTILE = 70 SY

OUTLET DETAIL (LOOKING DOWNSTREAM)

NOTE:
SILLS TO BE LOCATED AT THE INLET AND OUTLET ONLY



EXCAVATION = 110 CY
CLASS II RIP RAP = 100 TONS
GEOTEXTILE = 105 SY

FOR CULVERT PLANS SEE SHEETS C-1 THRU C-6

NAD 83/NA 2011

PROJECT REFERENCE	SHEET NO.
17BP.5.R.51 – WAKE #27	UO-1

Prepared in the Office of:

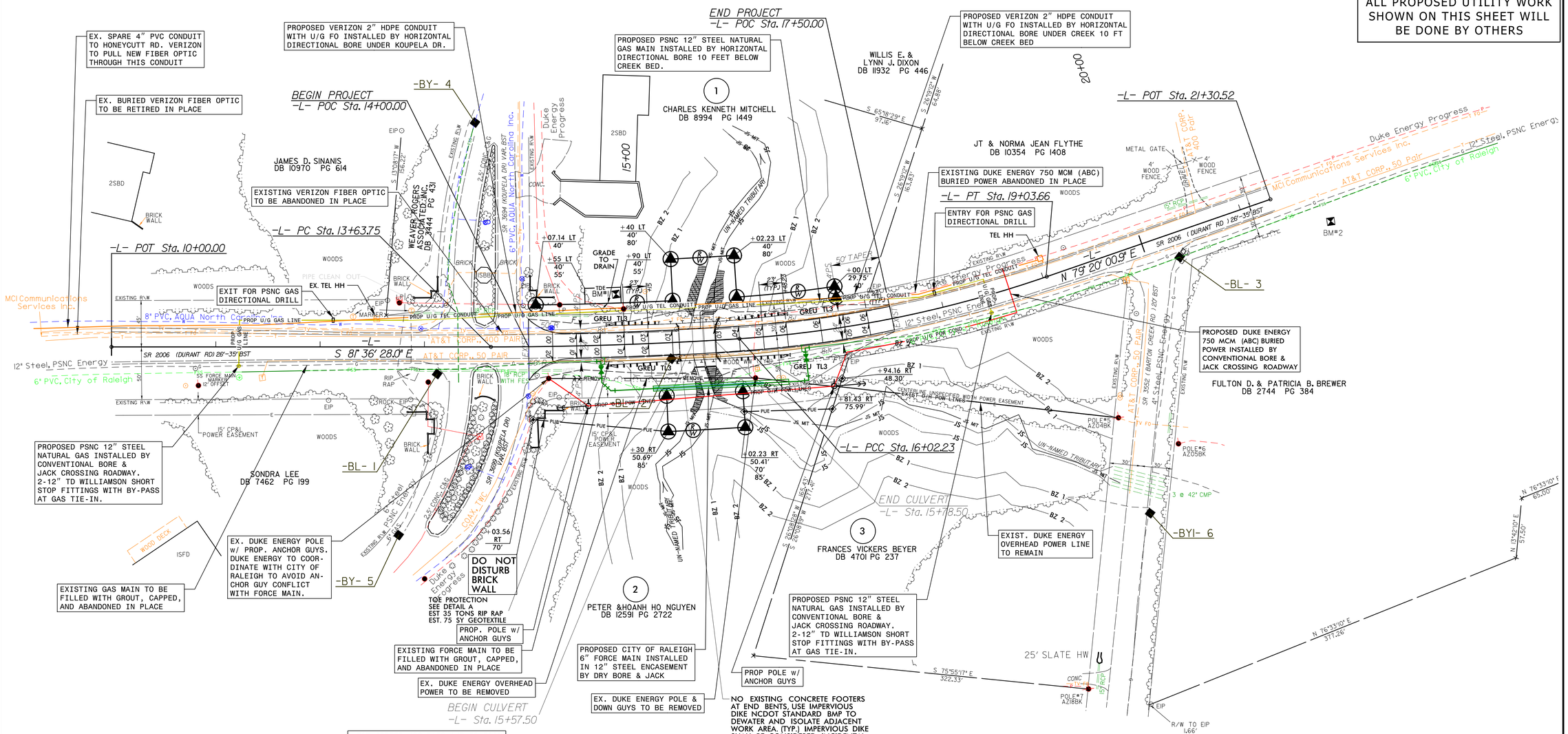
THE WOOTEN COMPANY
LICENSE NO. F-0115

THE WOOTEN COMPANY
120 North Boylan Avenue Raleigh NC 27603-1423
919.828.0531 fax 919.834.3589
License Number: F-0115

GRAPHIC SCALE
25' 0 25' 50'

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS



-L-

PI Sta 14+83.03	PI Sta 17+53.84
Δ = 3° 46' 28.1" (LT)	Δ = 15° 17' 03.0" (LT)
D = 1° 34' 57.9"	D = 5° 04' 13.5"
L = 238.47'	L = 301.44'
T = 119.28'	T = 151.62'
R = 3,620.00'	R = 1,130.00'

2/6/2018
2:47:06 PM
T:\Projects\Hatch_Mott_MacDonald-3160\B\17BP5R51_Wake_27\910027_Updated_Files\910027_ut_rdy_U01.pshdgn
jharris