



DRAINAGE RUN 67 STA 30+40.1 RT ~ STA 30+98.6  
 PIERCE STREET STA 30+98 LT of  $\phi$

CPH 11/06/07

EXCAVATION D.I

DEPTH

5'	3.14 (3.415) <sup>2</sup>	= 183.10' FT <sup>3</sup> /27	= 6.78' cy
1.5	3.14 (3.415) <sup>2</sup>	= 209.83' FT <sup>3</sup> /27	= 7.77' cy

T.E Pipe 54.8 LF •  $\frac{AVG. DEPTH}{2}$  (6.47 + 6.02) / 2 (6.645) x 3.84 FT<sup>2</sup> = 1398.32' FT<sup>3</sup>/27 = 51.79' cy

1.5' x 54.8 x 1.645 x 3.84 = 173.08' FT<sup>3</sup>/27 = 6.41' cy

72.95 cy ✓ TBG 12-6-07

Granular Back Fill

54.8' x .92 x 3.84 = 193.60' FT<sup>3</sup>

54.8 x 3.14 x (.912)<sup>2</sup> = 72.32' FT<sup>3</sup>

$\frac{193.60 - 72.32}{27} = 4.46$  cy ✓ ROD 1/19/11

FINAL SURVEY DATE BY SURVEYED, PLOTTED, NOTE BOOK, TEMPLATE, AREAS CHECKED, NO.

ORIGINAL SURVEY DATE BY SURVEYED, PLOTTED, NOTE BOOK, TEMPLATE, AREAS CHECKED, NO.