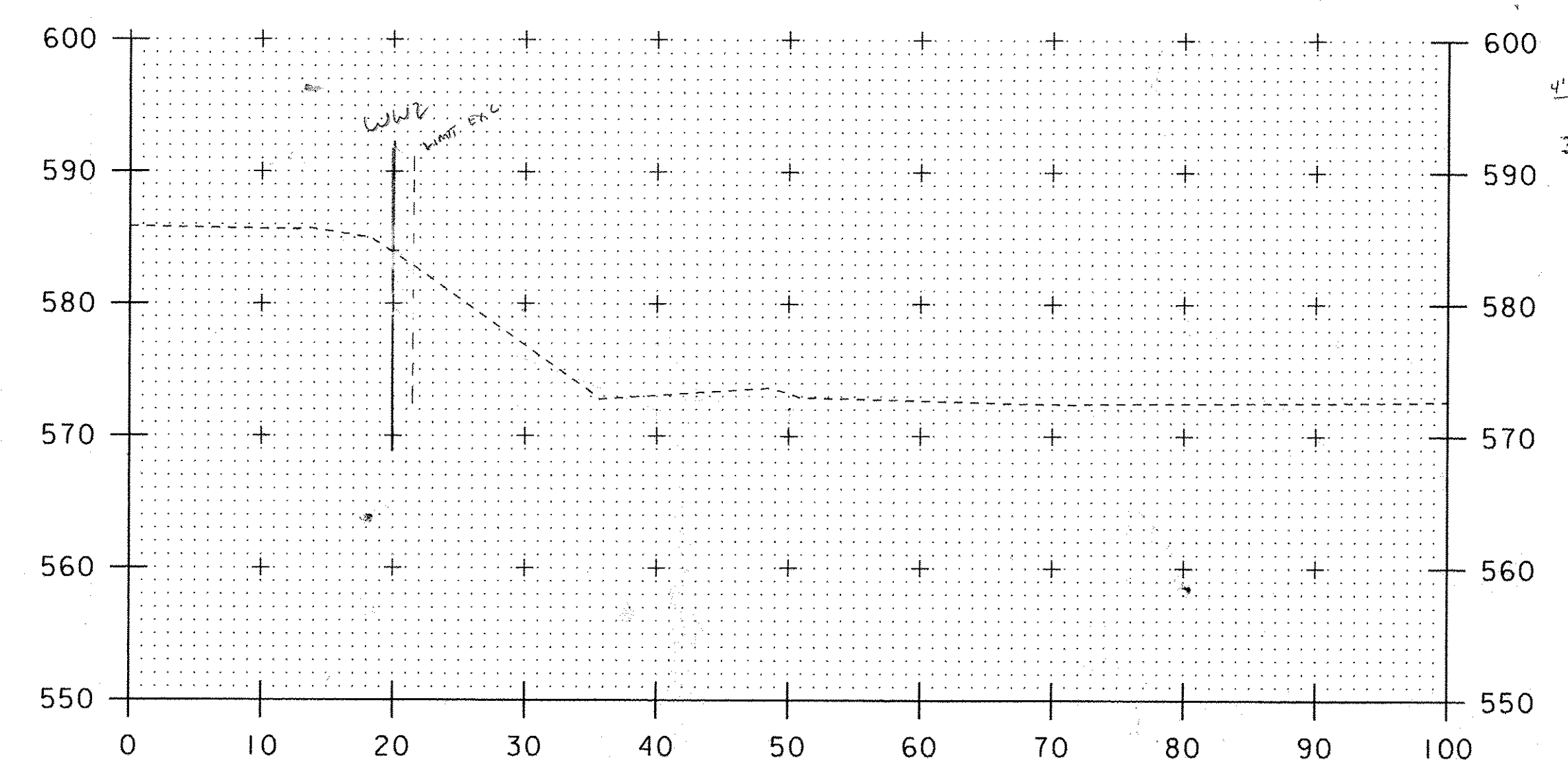


UNCLASSIFIED CHANNEL EXC.
 • STRIPS HORIZ
 $\frac{2 \times 1}{2} \times 1 = 1 \text{ SF}$
 $\frac{.75 \times 1.17}{2} = 14.25 \text{ SF}$
 $\frac{.75 \times 1.17}{2} \times 5 = 6.875 \text{ SF}$
 $\frac{1 \times 1}{2} \times 10 = 30 \text{ SF}$
 $\frac{65.125 \text{ SF}}{2} = 32.56 \text{ SF}$

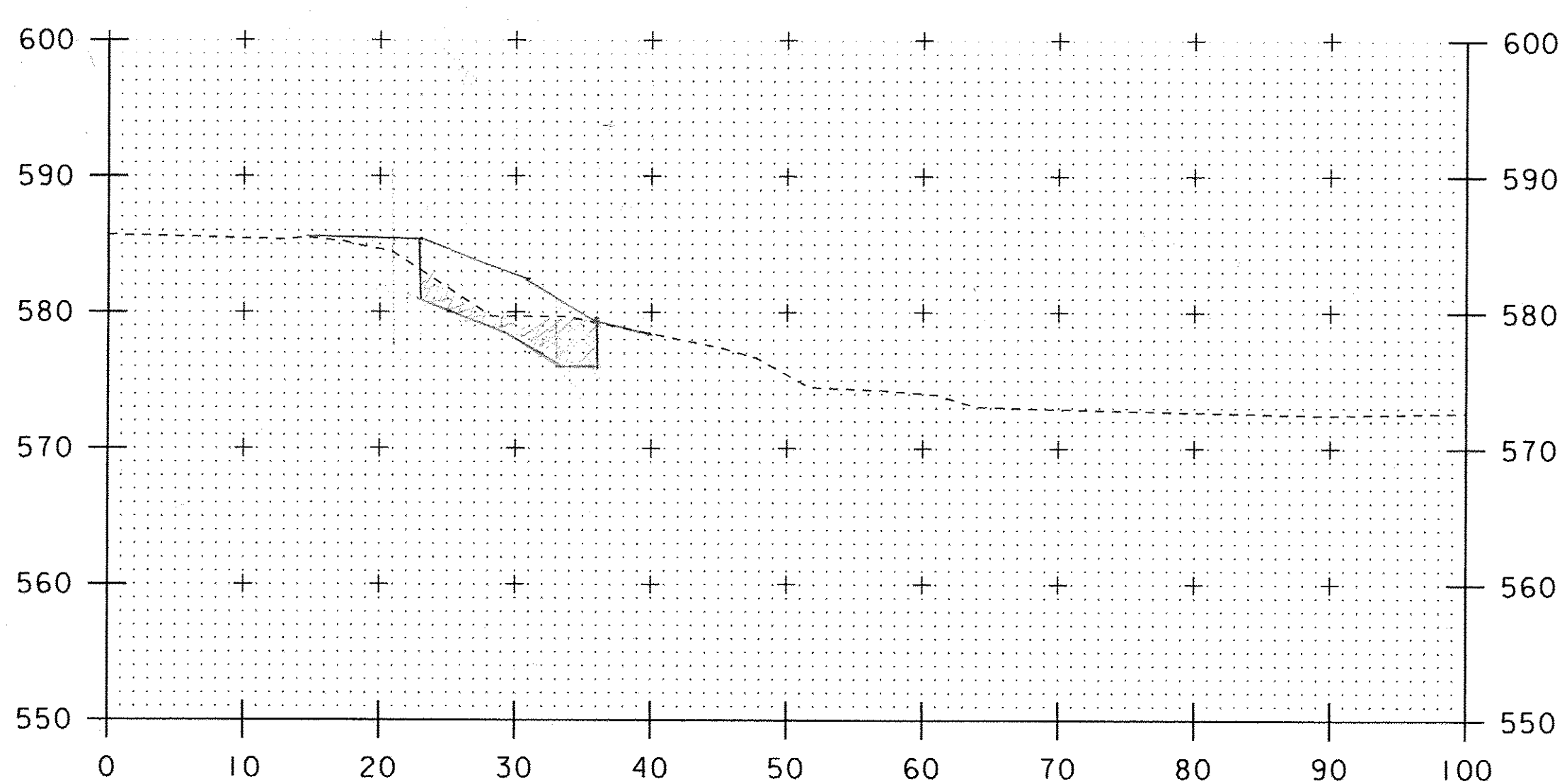
*Recompute d
of for 2-section
to be 7'-11"*

12+10



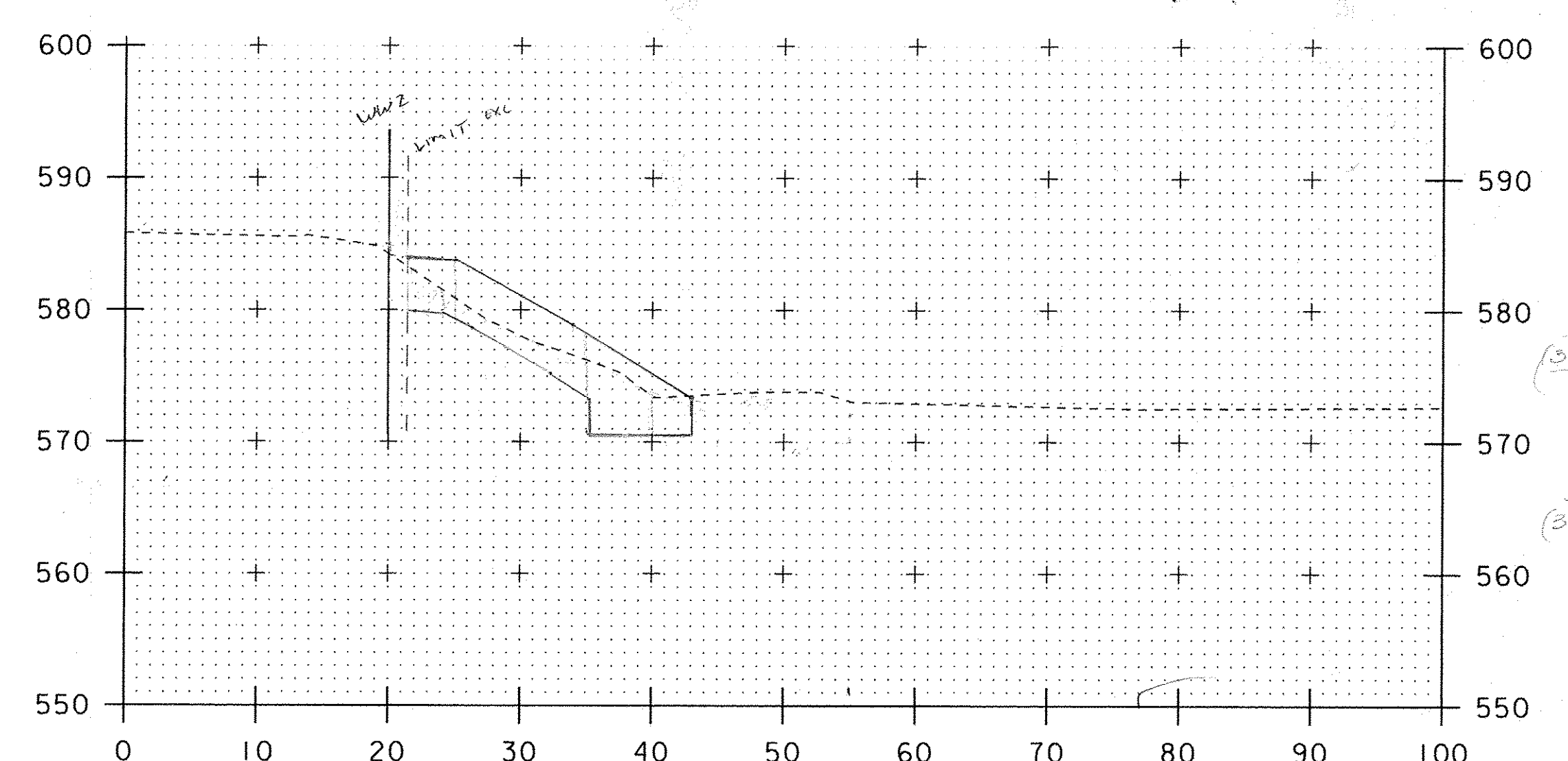
UNCLASSIFIED CHANNEL EXC.
 $\frac{1 \times 1}{2} \times 11 = 26 \text{ SF}$
 $\frac{3 \times 10}{2} = 30 \text{ SF}$
 $\frac{56 \text{ SF}}{2} = 28 \text{ SF}$

12+30



unc. Chan Exc.
 $\frac{2 \times 6}{2} + \frac{11.3 \times 4}{2} + \frac{6.5 \times 3}{2} = 28.5$
 Stone Fill, Type IV
 $\frac{11.5 \times 4.0}{2} + \frac{5 \times 3.5 \times 3}{2} = 58.75$

12+00



UNCLASSIFIED CHANNEL EXC.
 $\frac{2 \times 5}{2} \times 17 = 29.35 \text{ SF}$
 $\frac{3 \times 10}{2} = 30 \text{ SF}$
 $\frac{59.75 \text{ SF}}{2} = 29.875 \text{ SF}$

unc. Chan. Exc.
 $\frac{(3.4 + 1.9) \times 2.7}{2} + \frac{(1.8 \times 3) \times 11}{2}$
 $+ \frac{(5.8 + 2.8) \times 5}{2} + (3 \times 3) = 63.9$
 Stone Fill, Type IV
 $\frac{(3.5 \times 4) + (11.5 \times 4) + (7.5 \times 3) \times 3}{2} = 102$

12+20

SCALE 1" = 10' - 0"
 10 0 10
 STA. 12+00 TO STA. 12+30

PROJECT NAME: CHESTER
 PROJECT NUMBER: BRF 025-(137)
 FILE NAME: s95b168xsl.dgn
 PROJECT LEADER: C.P.WILLIAMS
 DESIGNED BY: R.S.YOUNG
 CONSTRUCTION CROSS SECTIONS
 PLOT DATE: 19-MAY-2011
 DRAWN BY: D.D.BEARD
 CHECKED BY: -----
 SHEET 1 OF 1