



OHIO DEPARTMENT OF TRANSPORTATION
 PLANNING & ENGINEERING DEPARTMENT, DISTRICT 4



Project STA-77-2.57

Desc Retaining Wall - Shotcrete Surface
Area Calculations

Calc By JF Date 8/30/23

Chk By _____ Date _____

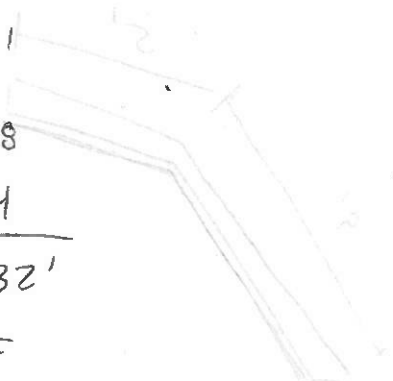
PID/PROJ 116128

Typical 1

Wall height = 2 + 1 + 5 + 1 + 4 + 1 = 14'

Section length = $13373 - 13345 = 28$
 $13577 - 13573 = 4$
 $\frac{\quad}{32'}$

SA = H x L = 14 x 32 = 448 SF



Typical 2/3

Wall height = 9'

Section Length = 13573 - 13373 = 200'

SA = 200 x 9 = 1800 SF

Total SA = 448 + 1800 = 2,248 SF