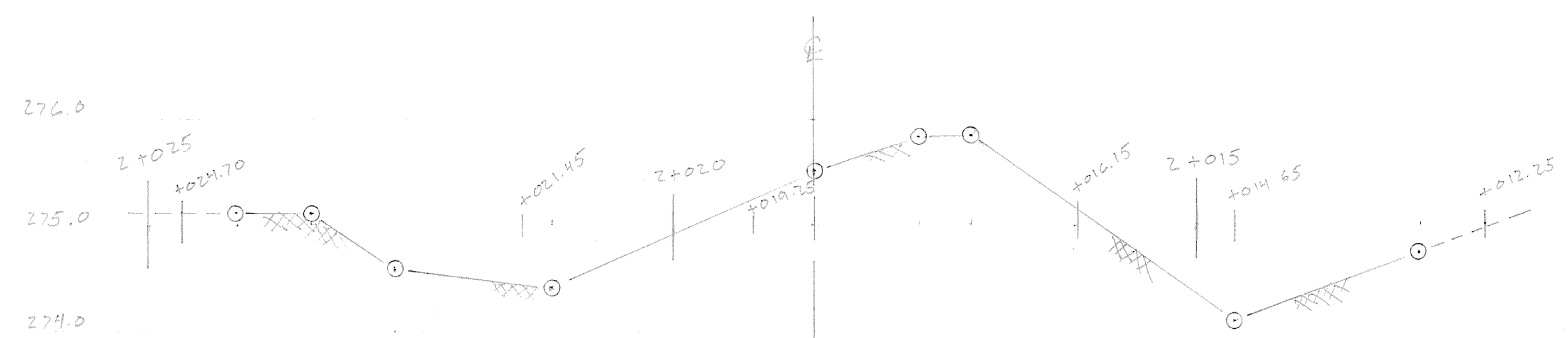


2+012.25
Beg. Item 208.30 @ Abut. #2 (Butt)

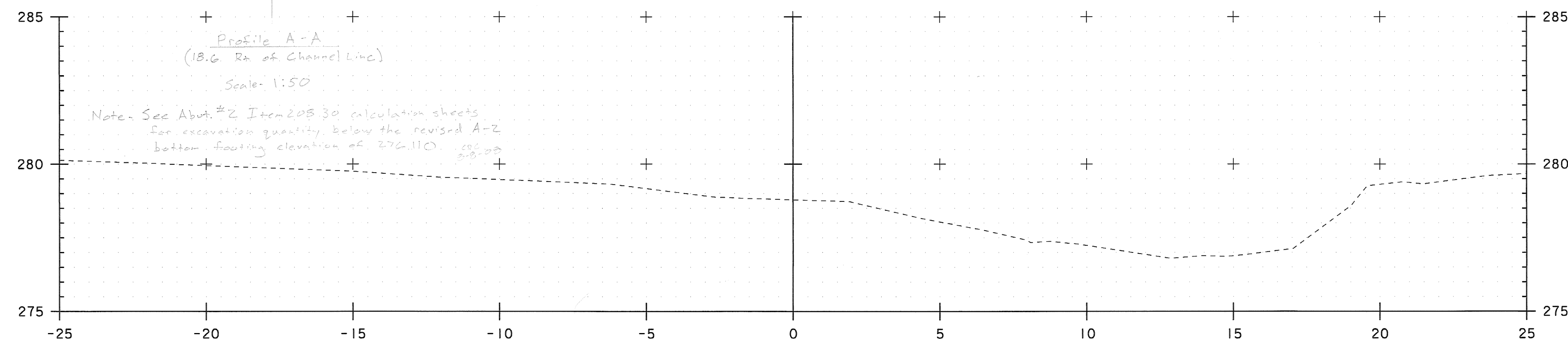
A-2: Item 208.30, $A = \frac{1}{2} \{ (2.2+3.25)(0.9) + (3.25+3.3)(0.5) + (3.3+3.9)(0.85) + (3.9+4.1)(2.25) \}$
 $A = 16.15 \text{ M}^2$ CDC 8-2-08 SWS 12-2-08

Item 203.27
 Ahead, $A = \frac{1}{2} (0.9 + 1.9)(0.8)$
 $A = 1.12 \text{ M}^2$ CDC 8-2-08 SWS 12-2-08

Back, $A = 1.12 + \frac{1}{2} [(1.9+3.0)(1.0) + (3.0+1.8)(0.5) + (1.8+1.9)(0.9) + (1.9+1.0)(1.3)]$
 $A = 8.07 \text{ M}^2$ CDC 8-2-08 SWS 12-2-08



2+011.80, Beg. Item 203.27 @ A-2 (Butt)
 (Same as 2+012.25, BK: $A = 8.07 \text{ M}^2$)
CDC 8-2-08 SWS 12-2-08



Note: See Abut. #2 Item 208.30 calculation sheets for excavation quantity below the revised A-2 bottom footing elevation of 276.110.

2+009.00



STA. 2+009 TO STA. 2+012

PROJECT: CABOT	PROJECT NO.: BRO 1446 (27)
DESIGN FILE NAME:	PLOT DATE: 10-JUN-2008
IPARM FILE NAME:	SURVEY DATE: 5/98
SURVEYED BY: R. GILMAN	DRAWN BY: M.FESSEL
SQUAD LEADER: C. P. WILLIAMS	SHEET: 1 OF 7
CHANNEL CROSS SECTIONS	