

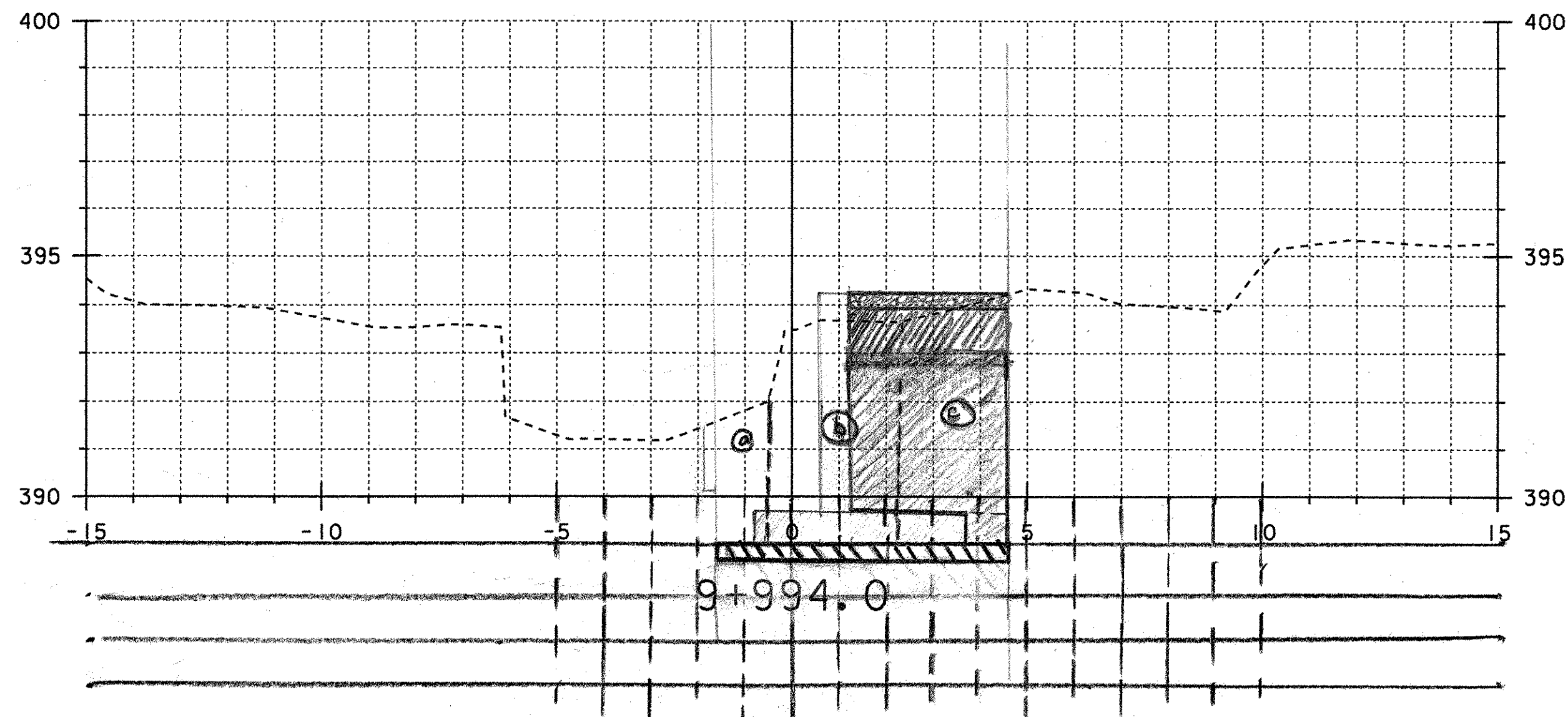
GRANULAR BACKFILL FOR STRUCTURES

$3.4 \text{ M} * 4.3 \text{ M} = 14.62 \text{ SM}$ ✓
OK 2/28/05

Unclassified Excavation: $\left(\frac{1.3+1.4}{2}\right) * 0.2 = 0.27 \text{ SM}$

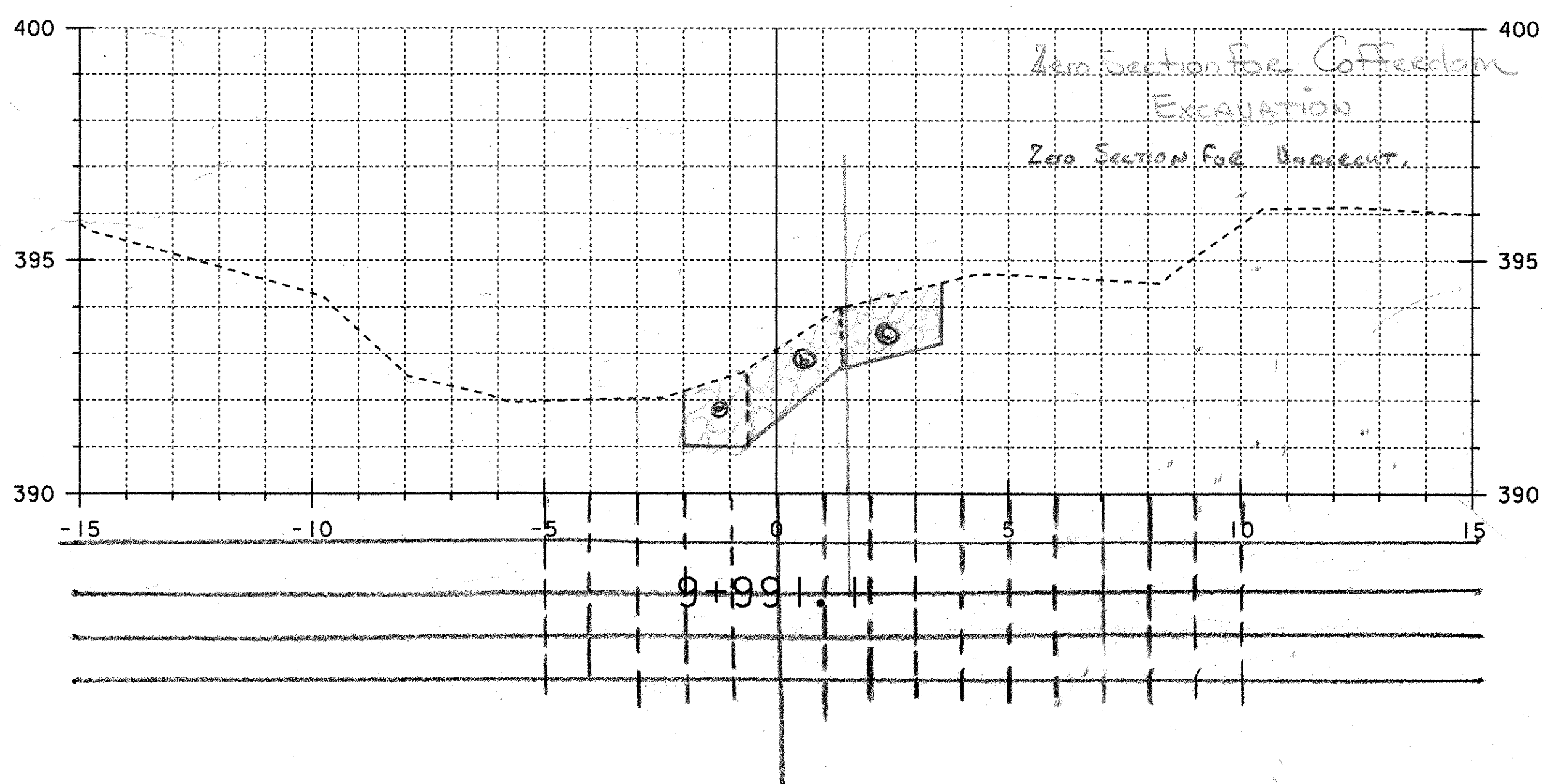
Cofferdam Excavation:

a) $\left(\frac{2.6+3.0}{2}\right) * 1.1 = 3.08$
 b) $\left(\frac{4.4+4.6}{2}\right) * 2.8 = 12.60$
 c) $\left(\frac{4.6+5.2}{2}\right) * 2.3 = 11.27$
 } 26.95 SM ✓



Unclassified Excavation: a) $1.4 * \left(\frac{1.2+1.7}{2}\right) = 2.03$ ✓
 b) $\left(\frac{1.4+1.7}{2}\right) * \left(\frac{1.4+2.6}{2}\right) = 3.875$
 c) $2.2 * 1.4 = 3.08$
 } 8.99 SM ✓

Cofferdam excavation = 0



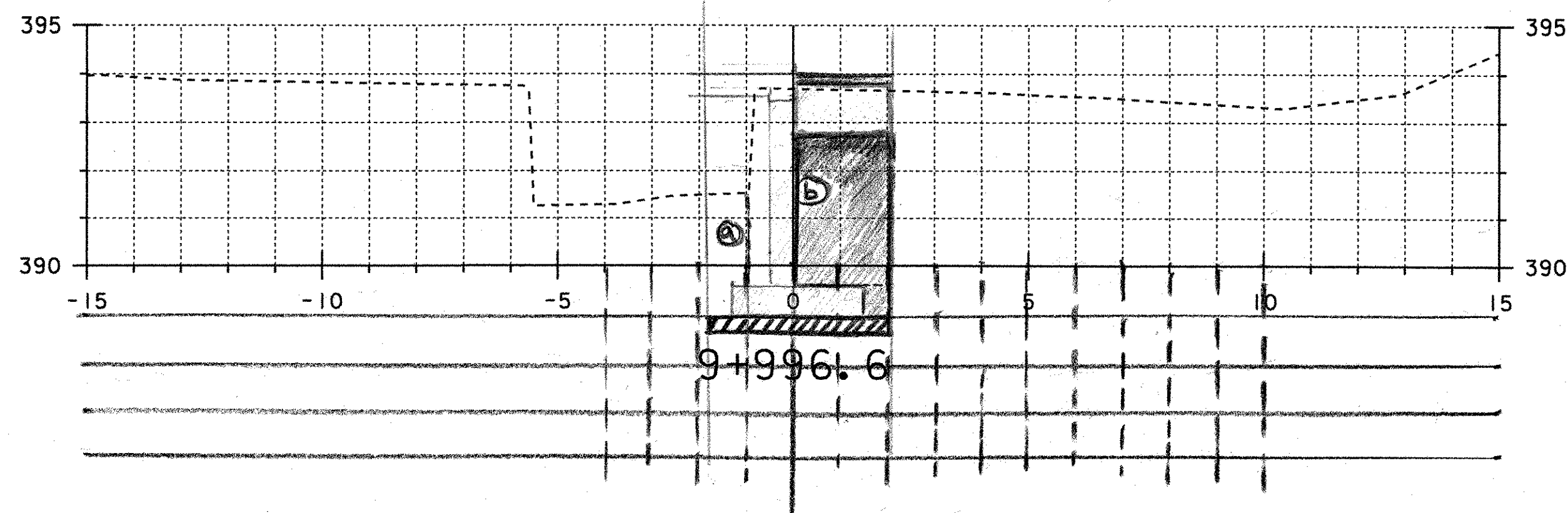
9+989 Zero Section for Unclassified Channel excavation

GRANULAR BACKFILL FOR STRUCTURE

$2.1 \text{ M} * 3.2 \text{ M} = 6.72 \text{ SM}$ ✓
OK 2/28/05

Cofferdam Excavation:

a) $2.6 * 0.9 = 2.34$
 b) $4.7 * 3.0 = 14.10$
 } 16.44 SM ✓
 16.47 SM



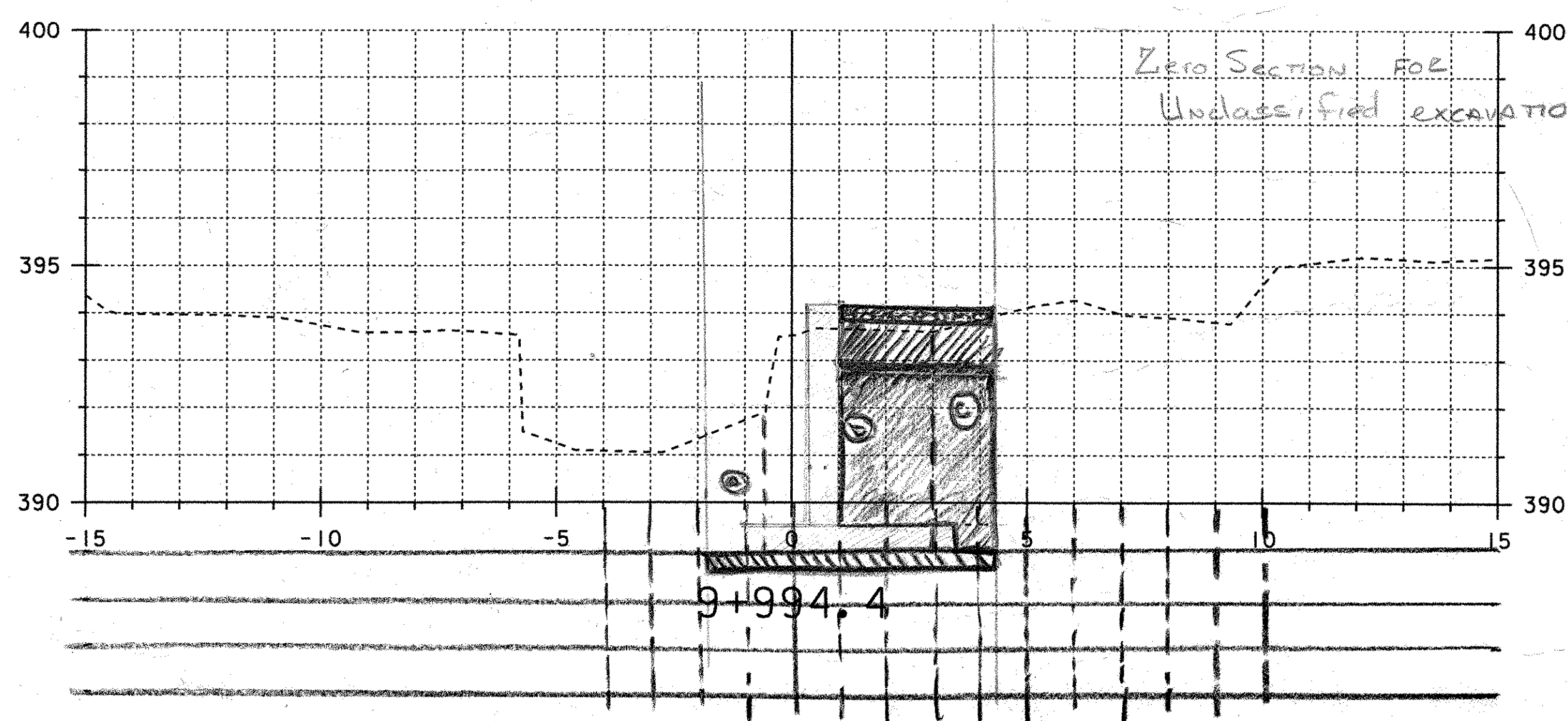
GRANULAR BACKFILL FOR STRUCTURES

$3.4 \text{ M} * 4.3 \text{ M} = 14.62 \text{ SM}$ ✓
OK 2/28/05

Unclassified Excavation = 0 SM ✓

Cofferdam Excavation:

a) $\left(\frac{2.5+2.9}{2}\right) * 1.2 = 3.24$ ✓
 b) $\left(\frac{2.9+4.4}{2}\right) * 3.5 = 13.125$
 c) $\left(\frac{4.6+5.0}{2}\right) * 1.3 = 6.24$
 } 22.605 SM ✓



Calculated By *TD*
 11-09-04
 Jed ABL
 12-9-04

PROJECT NAME: STAMFORD	HIGHWAY NO.: TH 12
PROJECT NUMBER: TH3 94II	BRIDGE NO.: 14
	OVER: LESURE BROOK
FILE NAME: /PW/94J072/sj072bdr.dgn	PLOT DATE: 06-JUL-2004
PROJECT MANAGER: R. WHITCOMB	DRAWN BY: SQUAD 3
DESIGNED BY:	IPARM NAME:
BRIDGE SHEET NUMBER:	SHEET 041 OF