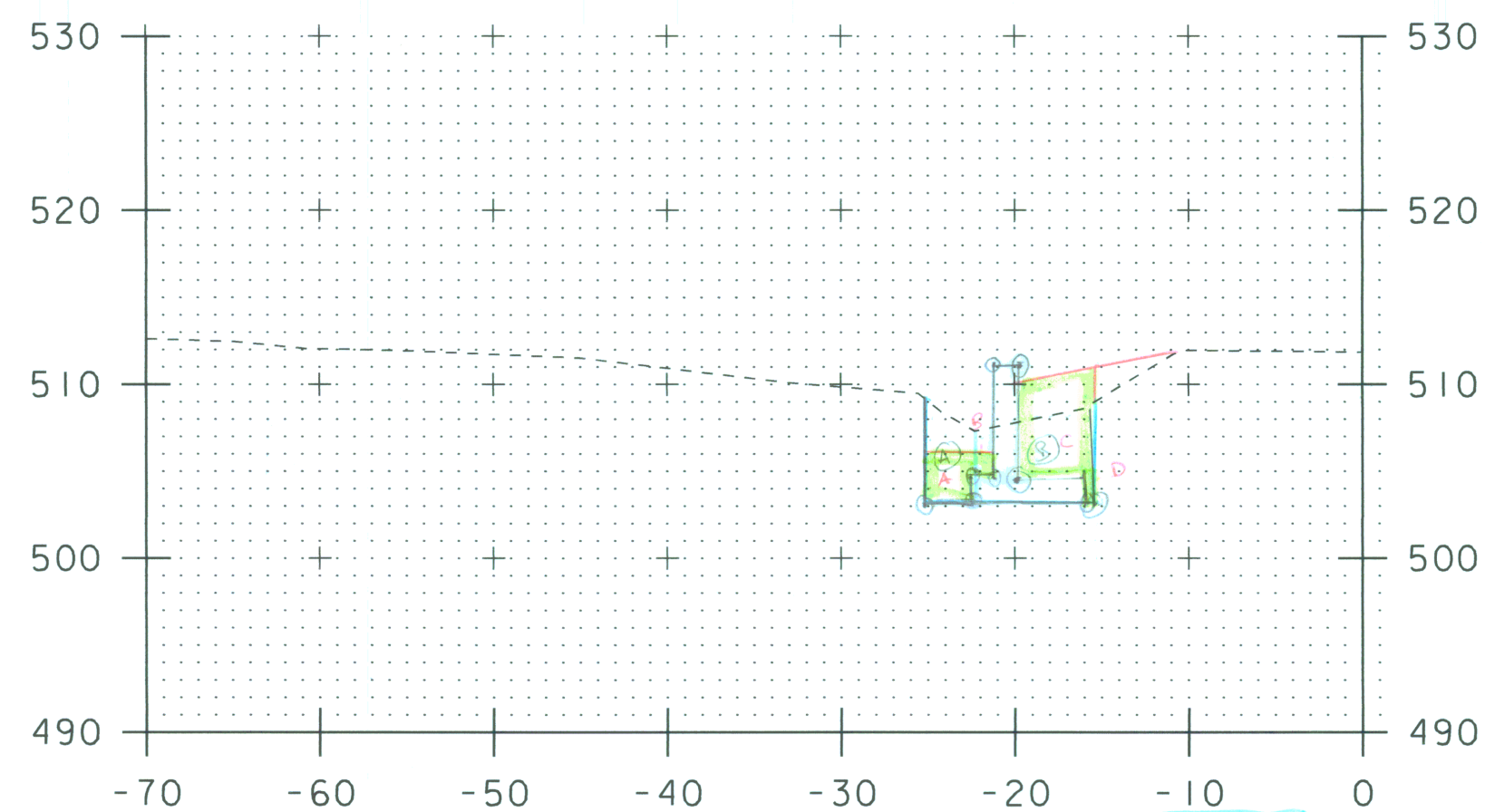


Granular Backfill
 A $3 \times 5 = 15 \text{ ft}^2$
 B $13 \times 4.5 = 58.5 \text{ ft}^2$
 C $5.5 + 6.5 \times 6 = 36.0 \text{ ft}^2$
 D $1.5 \times 1.5 = 2.25 \text{ ft}^2$
TOTAL 59.1 ft^2

Excavation
 A $7 + 6 \times 7 = 45.5 \text{ ft}^2$
 B $6 + 4 \times 3 = 15.0 \text{ ft}^2$
 C $4 + 7 \times 8.5 = 46.75 \text{ ft}^2$
TOTAL 107.25 ft^2

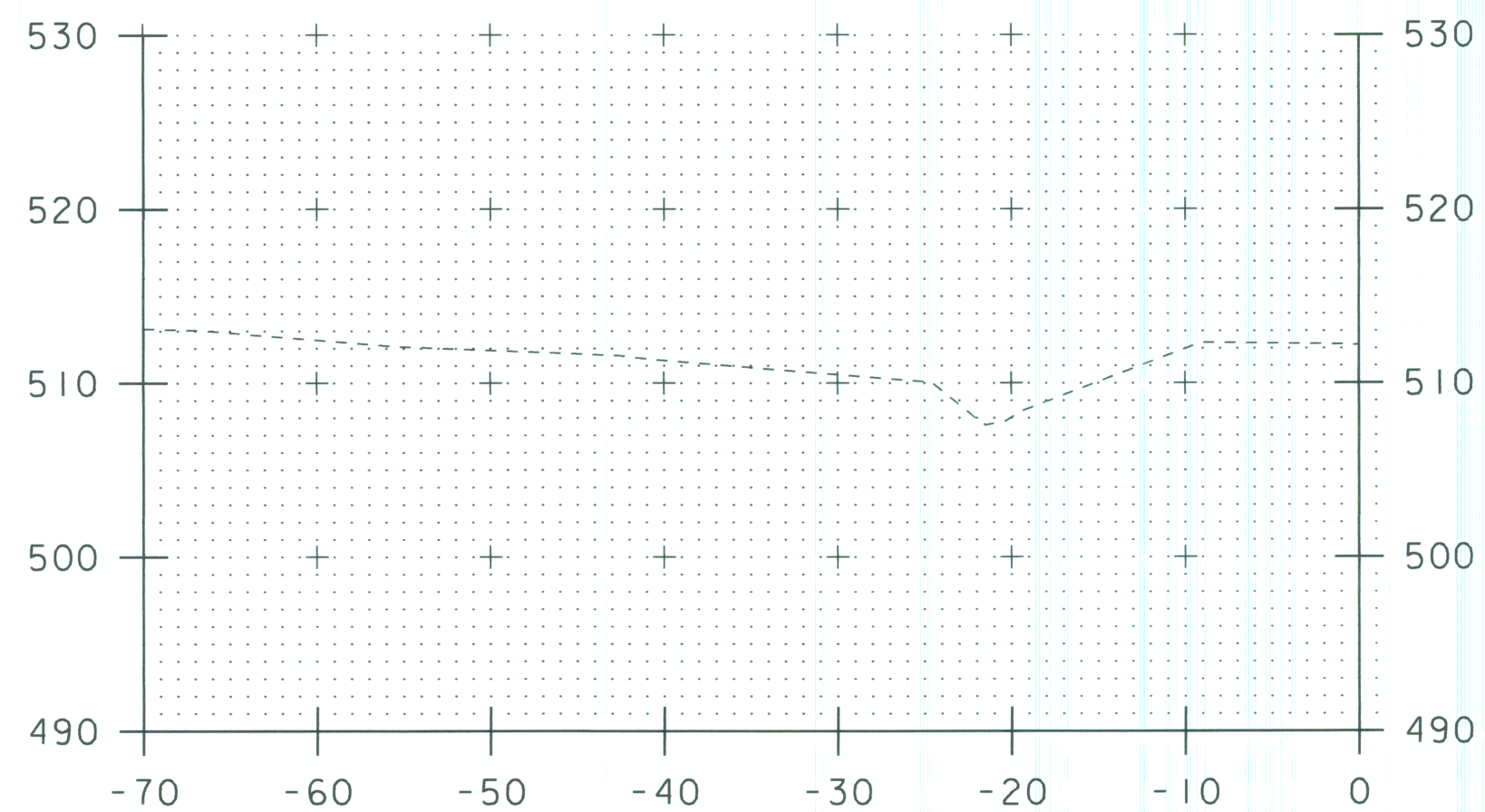
7+18.7 327



Granular Backfill
 A $2.5 \times 3 = 7.5 \text{ ft}^2$
 B $1.5 \times 1 = 1.5 \text{ ft}^2$
 C $5.5 + 6.5 \times 4.5 = 27.0 \text{ ft}^2$
 D $1.5 \times 1.5 = 2.25 \text{ ft}^2$
TOTAL 36.75 ft^2

Excavation
 A $6 + 4.3 \times 3 = 15.45 \text{ ft}^2$
 B $4.3 + 5.8 \times 7 = 35.35 \text{ ft}^2$
 C $4.3 \times 8.5 = 36.45 \text{ ft}^2$
TOTAL 50.8 ft^2

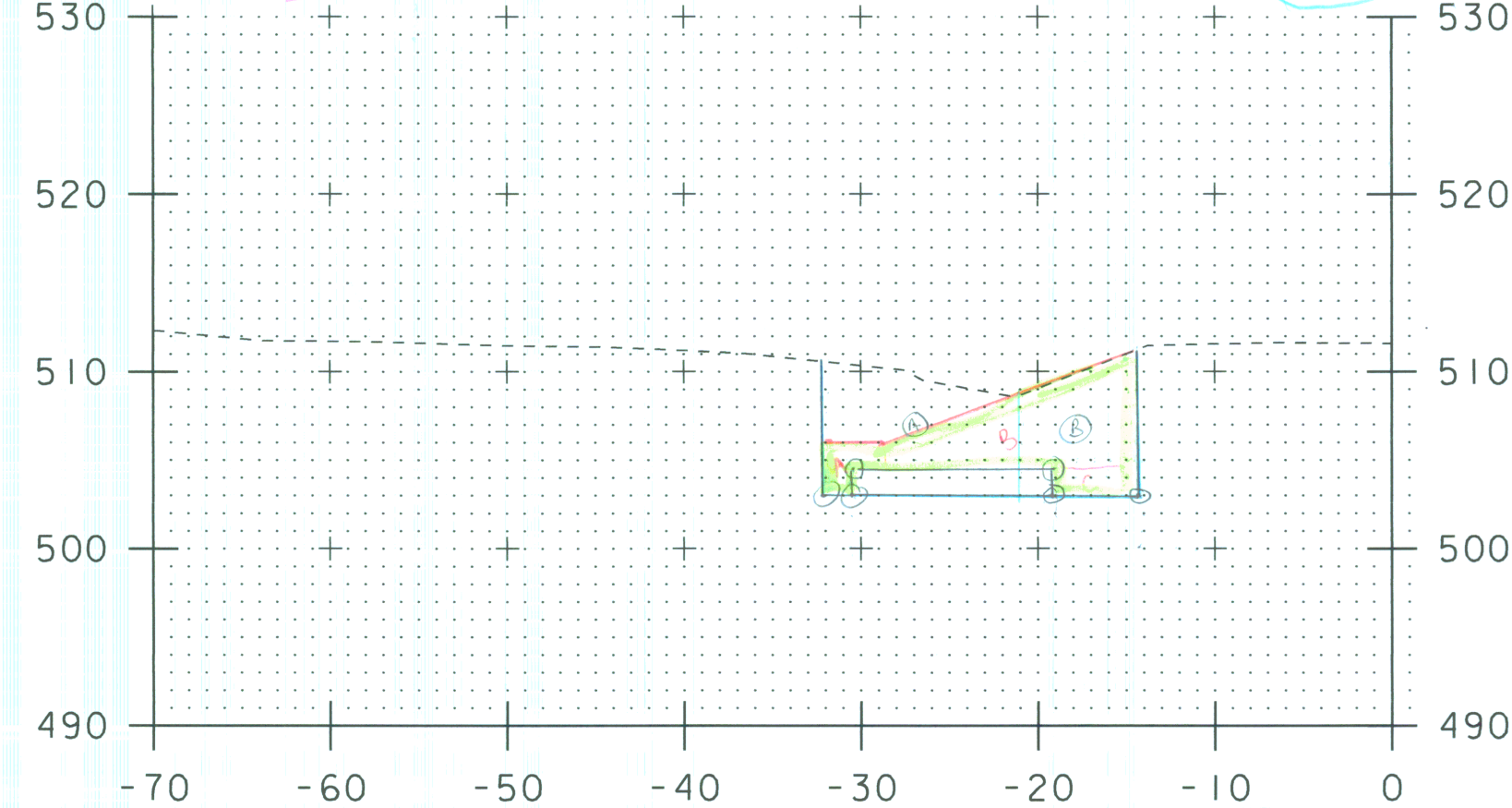
7+25.1 328



Excavation
 A $6.7 + 6 \times 2.5 = 19.75 \text{ ft}^2$
 B $5.6 + 7 \times 6.3 = 39.69 \text{ ft}^2$
TOTAL 59.44 ft^2

Granular Backfill
 A $2 \times 1.5 = 3.0 \text{ ft}^2$
 B $1.5 \times 3.5 = 5.25 \text{ ft}^2$
 C $5.5 + 6.5 \times 4 = 20.0 \text{ ft}^2$
 D $1.5 \times 3 = 4.5 \text{ ft}^2$
TOTAL 36.75 ft^2

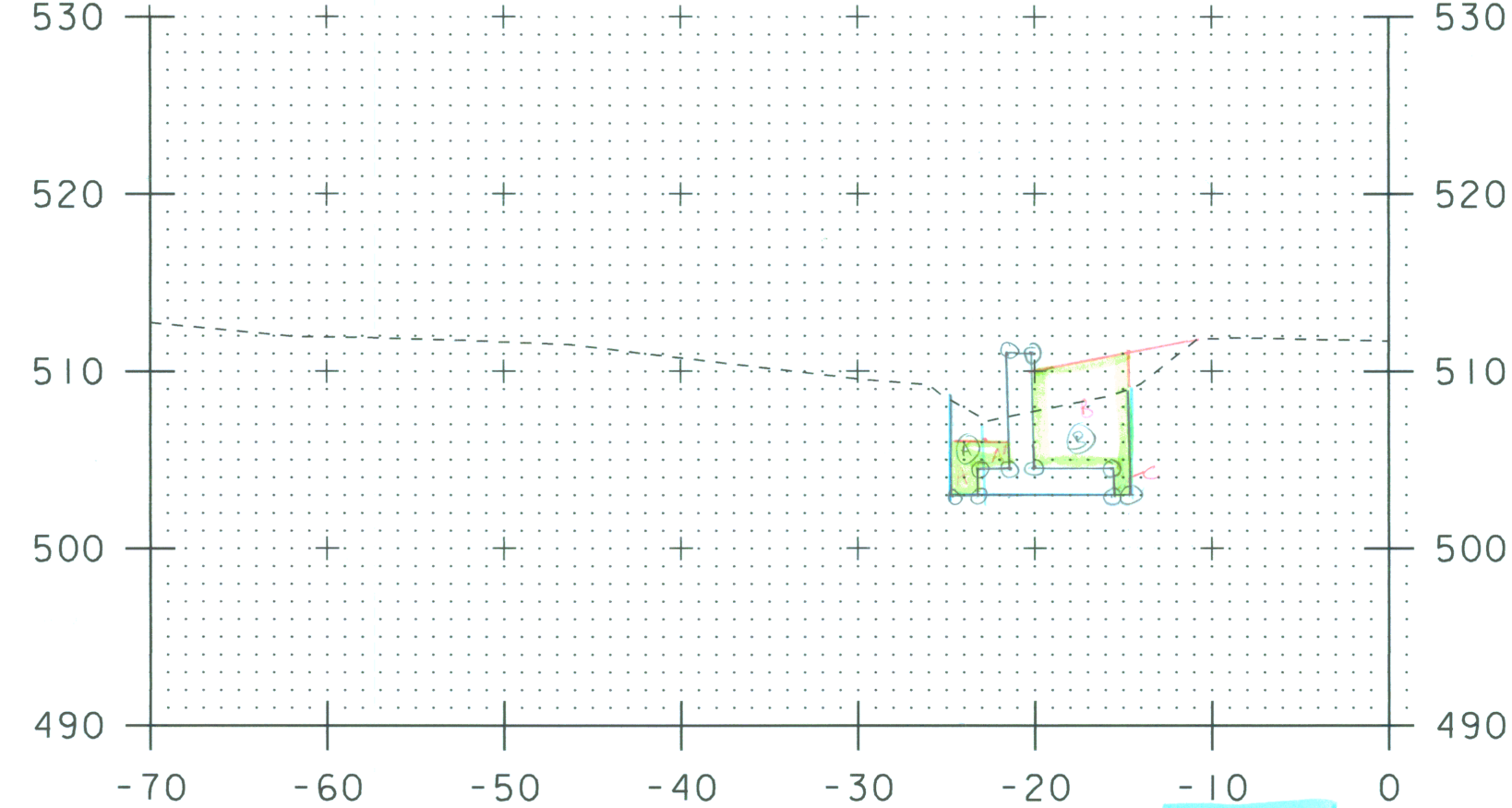
7+33.1 329 ZERO



Granular Backfill
 A $2 \times 1.5 + (1.5 \times 3) = 7.5 \text{ ft}^2$
 B $1.5 + 6.5 \times 14 = 96.0 \text{ ft}^2$
 C $1.5 \times 5 = 7.5 \text{ ft}^2$
TOTAL 71 ft^2

Excavation
 A $7.7 + 5.8 \times 11 = 74.25 \text{ ft}^2$
 B $5.8 + 8 \times 6.7 = 46.23 \text{ ft}^2$
TOTAL 120.48 ft^2

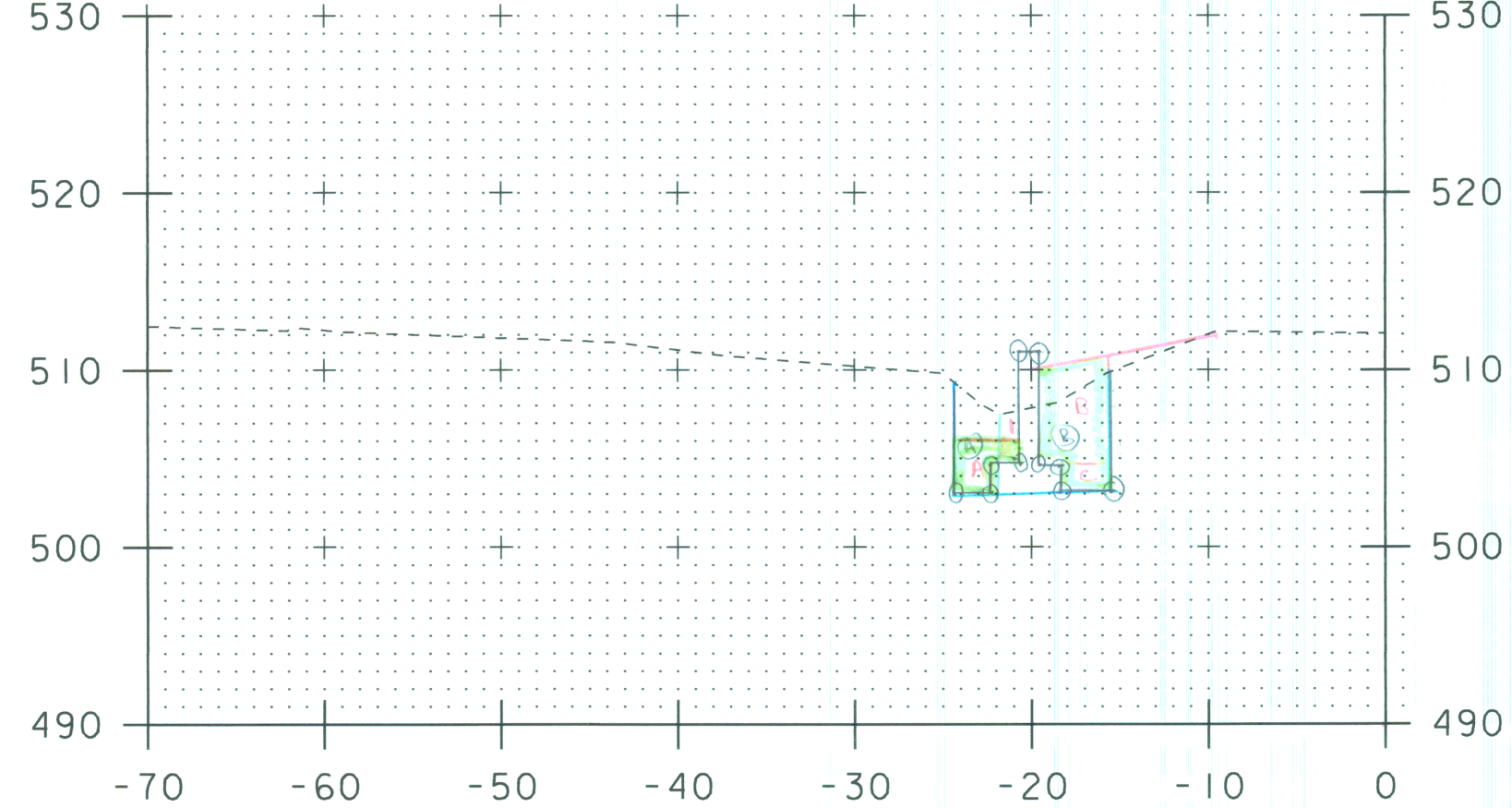
7+14.4 330



Granular Backfill
 A $2 \times 1.5 = 3.0 \text{ ft}^2$
 B $1.5 \times 3.5 = 5.25 \text{ ft}^2$
 C $5.5 + 6.5 \times 5.5 = 33.0 \text{ ft}^2$
 D $1.5 \times 1.5 = 2.25 \text{ ft}^2$
TOTAL 43.5 ft^2

Excavation
 A $5.5 + 4.2 \times 2 = 9.7 \text{ ft}^2$
 B $4.2 + 6 \times 8.5 = 43.35 \text{ ft}^2$
 C $4.2 \times 8.5 = 35.7 \text{ ft}^2$
TOTAL 53.05 ft^2

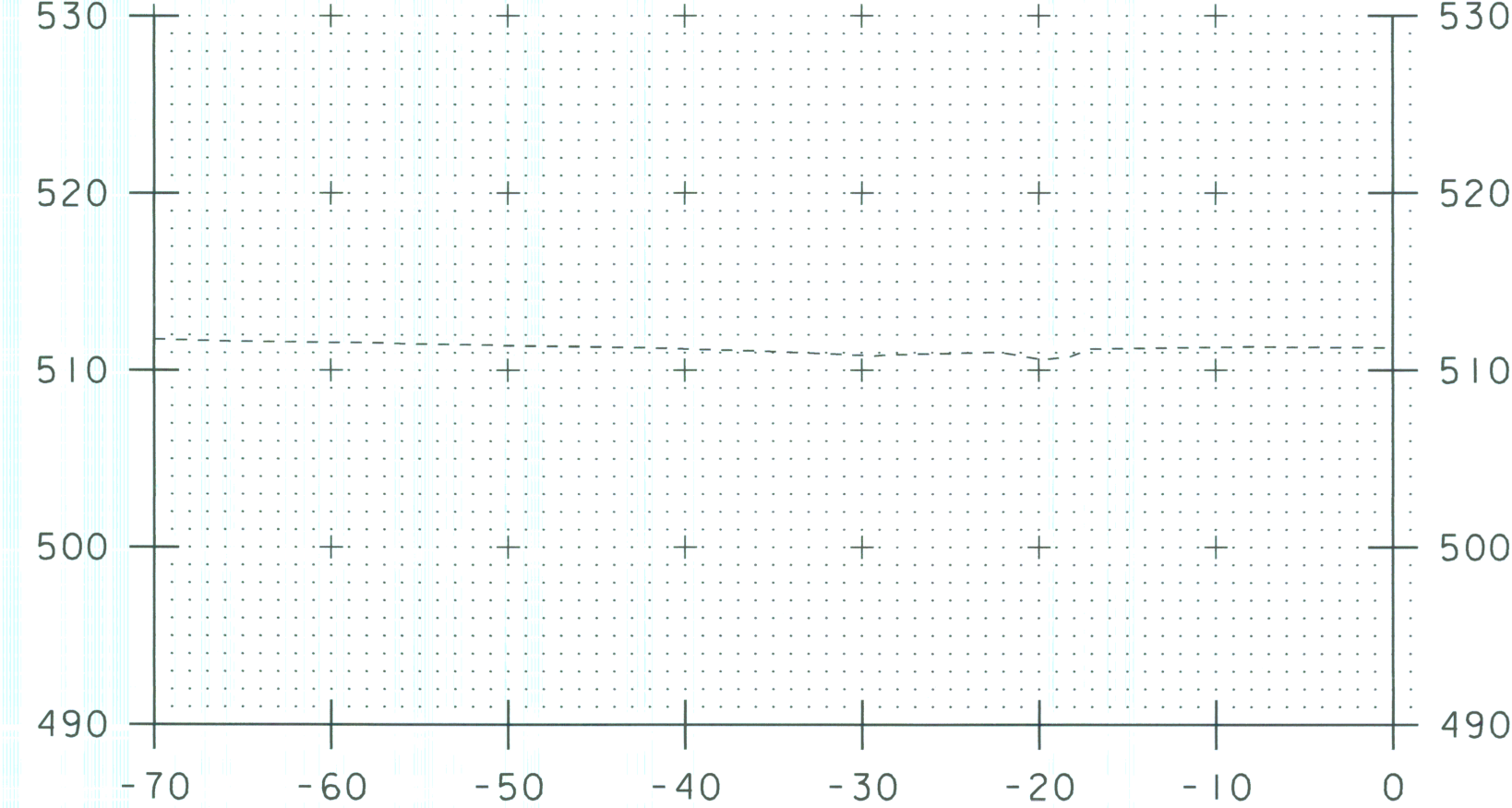
7+21.5 331



Excavation
 A $6.5 + 4.5 \times 3 = 16.5 \text{ ft}^2$
 B $4.5 + 5.5 \times 6.5 = 27.5 \text{ ft}^2$
 C $5.5 + 7 \times 2.5 = 15.63 \text{ ft}^2$
TOTAL 59.63 ft^2

Granular Backfill
 A $3 \times 3 = 9 \text{ ft}^2$
 B $1.5 \times 1 = 1.5 \text{ ft}^2$
 C $5.5 + 6.5 \times 5 = 30.0 \text{ ft}^2$
 D $1.5 \times 1.5 = 2.25 \text{ ft}^2$
TOTAL 42.75 ft^2

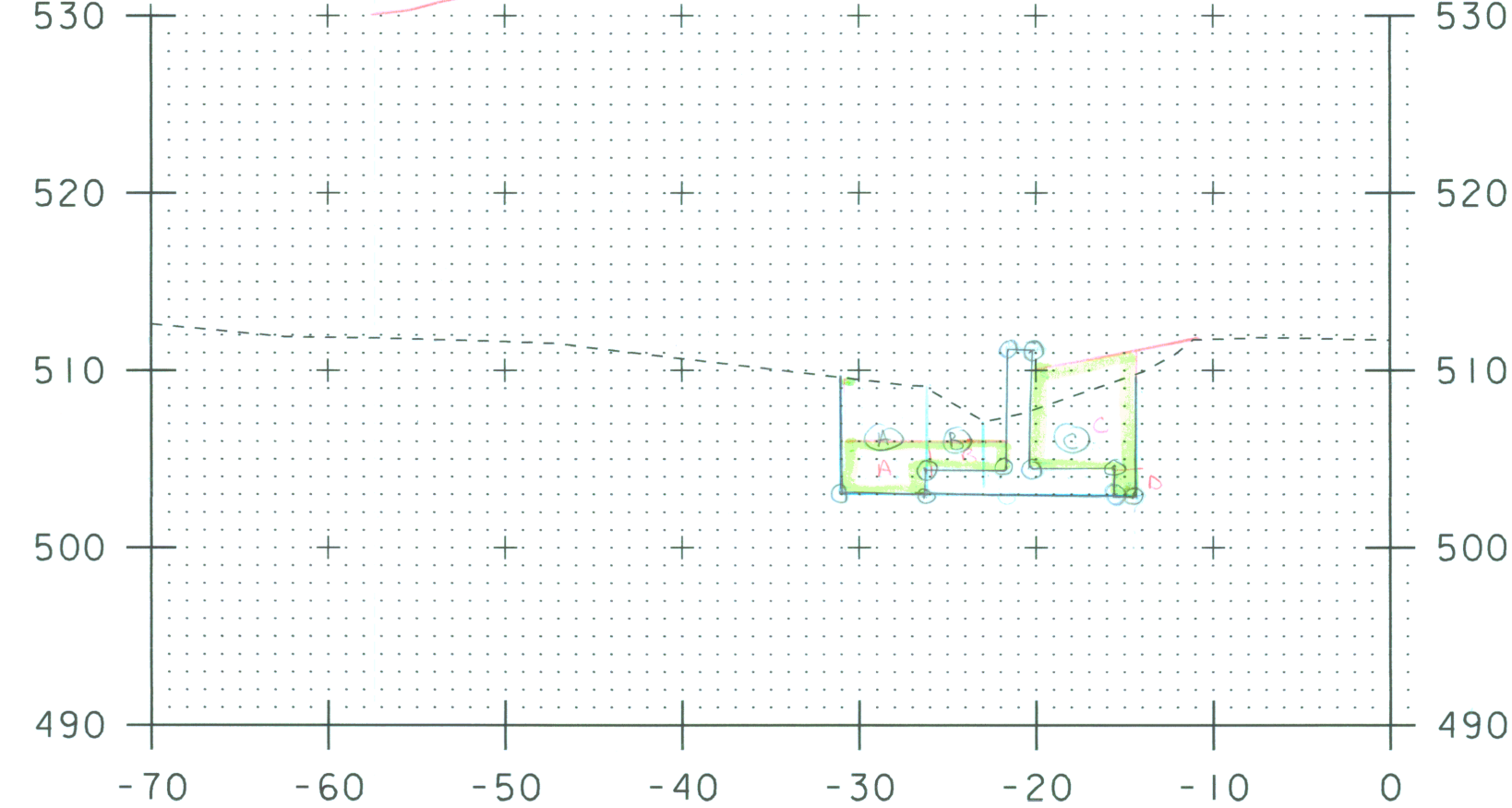
7+29.7 332



Excavation
 A $6.5 + 6 \times 4.2 = 30.0 \text{ ft}^2$
 B $6 + 4.2 \times 3 = 15.3 \text{ ft}^2$
 C $4.2 + 6.7 \times 8.7 = 47.42 \text{ ft}^2$
TOTAL 92.72 ft^2

Granular Backfill
 A $5 \times 3 = 15.0 \text{ ft}^2$
 B $1.5 \times 4 = 6.0 \text{ ft}^2$
 C $5.5 + 6.5 \times 6 = 36.0 \text{ ft}^2$
 D $1.5 \times 1.5 = 2.25 \text{ ft}^2$
TOTAL 59.25 ft^2

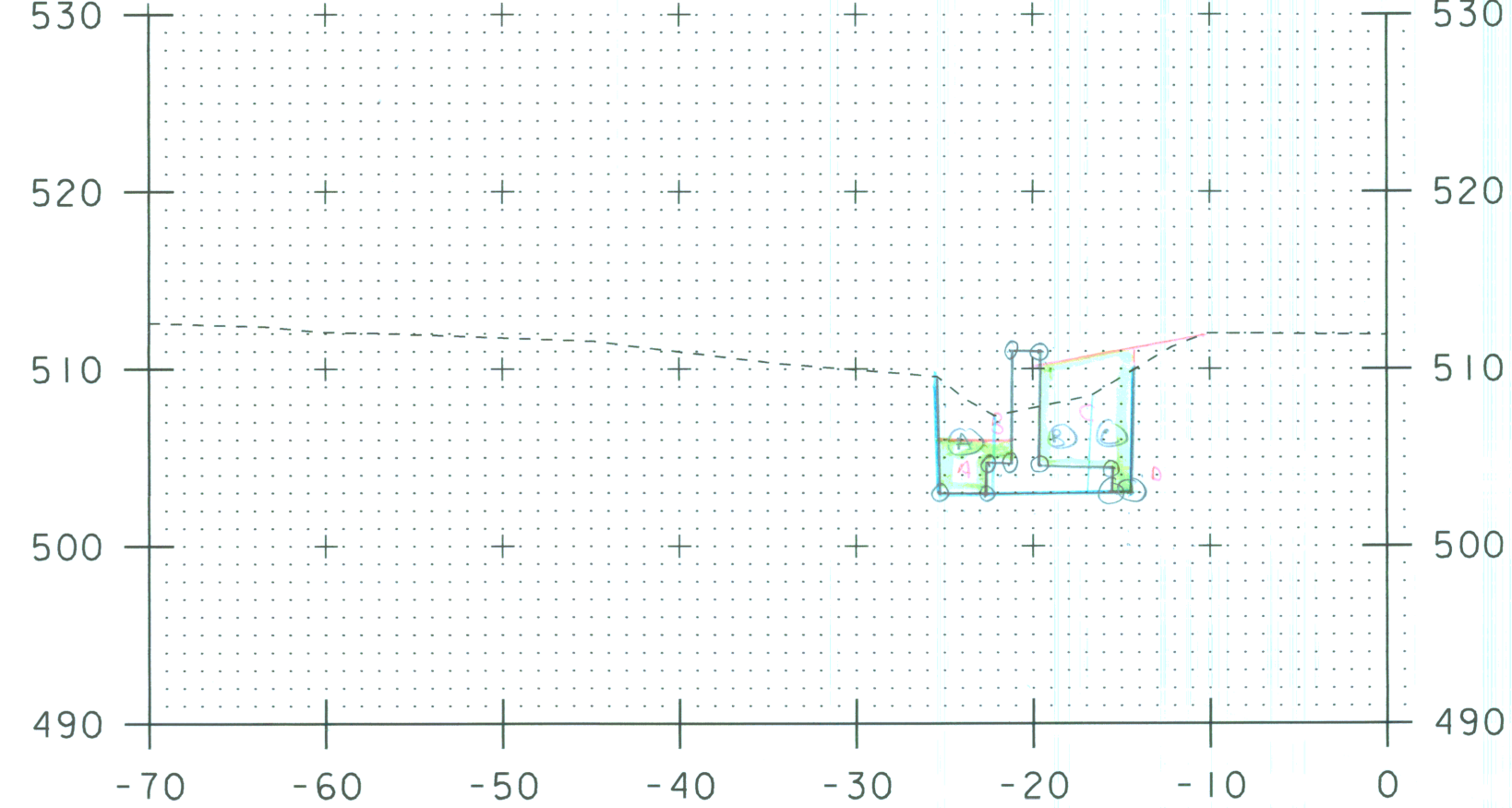
7+09.2 333 ZERO



Excavation
 A $6.5 + 6 \times 4.2 = 30.0 \text{ ft}^2$
 B $6 + 4.2 \times 3 = 15.3 \text{ ft}^2$
 C $4.2 + 6.7 \times 8.7 = 47.42 \text{ ft}^2$
TOTAL 92.72 ft^2

Granular Backfill
 A $5 \times 3 = 15.0 \text{ ft}^2$
 B $1.5 \times 4 = 6.0 \text{ ft}^2$
 C $5.5 + 6.5 \times 6 = 36.0 \text{ ft}^2$
 D $1.5 \times 1.5 = 2.25 \text{ ft}^2$
TOTAL 59.25 ft^2

7+19.4 334



Excavation
 A $6.5 + 4.5 \times 3 = 16.5 \text{ ft}^2$
 B $4.5 + 5.5 \times 6.5 = 27.5 \text{ ft}^2$
 C $5.5 + 7 \times 2.5 = 15.63 \text{ ft}^2$
TOTAL 59.63 ft^2

Granular Backfill
 A $3 \times 3 = 9 \text{ ft}^2$
 B $1.5 \times 1 = 1.5 \text{ ft}^2$
 C $5.5 + 6.5 \times 5 = 30.0 \text{ ft}^2$
 D $1.5 \times 1.5 = 2.25 \text{ ft}^2$
TOTAL 42.75 ft^2

7+26.3 335

Excavation
 A $6.7 + 6 \times 2.5 = 19.75 \text{ ft}^2$
 B $5.6 + 7 \times 6.3 = 39.69 \text{ ft}^2$
TOTAL 59.44 ft^2

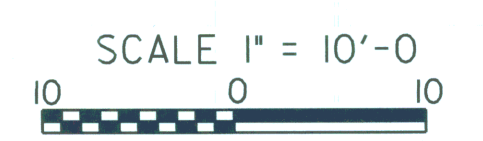
Granular Backfill
 A $2 \times 1.5 = 3.0 \text{ ft}^2$
 B $1.5 \times 3.5 = 5.25 \text{ ft}^2$
 C $5.5 + 6.5 \times 4 = 20.0 \text{ ft}^2$
 D $1.5 \times 3 = 4.5 \text{ ft}^2$
TOTAL 36.75 ft^2

Excavation
 A $6.5 + 4.5 \times 3 = 16.5 \text{ ft}^2$
 B $4.5 + 5.5 \times 6.5 = 27.5 \text{ ft}^2$
 C $5.5 + 7 \times 2.5 = 15.63 \text{ ft}^2$
TOTAL 59.63 ft^2

Granular Backfill
 A $3 \times 3 = 9 \text{ ft}^2$
 B $1.5 \times 1 = 1.5 \text{ ft}^2$
 C $5.5 + 6.5 \times 5 = 30.0 \text{ ft}^2$
 D $1.5 \times 1.5 = 2.25 \text{ ft}^2$
TOTAL 42.75 ft^2

ROADWAY QUANTITIES

Handwall
 Excavation
 Finish Grade
 Bottom of Sand or
 Stone Ditch



PROJECT NAME:	POWNAI	PROJECT NUMBER:	BRZ 144I(19) C/2
FILE NAME:	/87e045/str/se045xs2.dgn	PLOT DATE:	07-AUG-2008
PROJECT LEADER:	R. WHITCOMB	DRAWN BY:	STR3
DESIGNED BY:	C. CARLSON	CHECKED BY:	C. CARLSON
		SHEET	OF

✓ DUB
 11/16/09