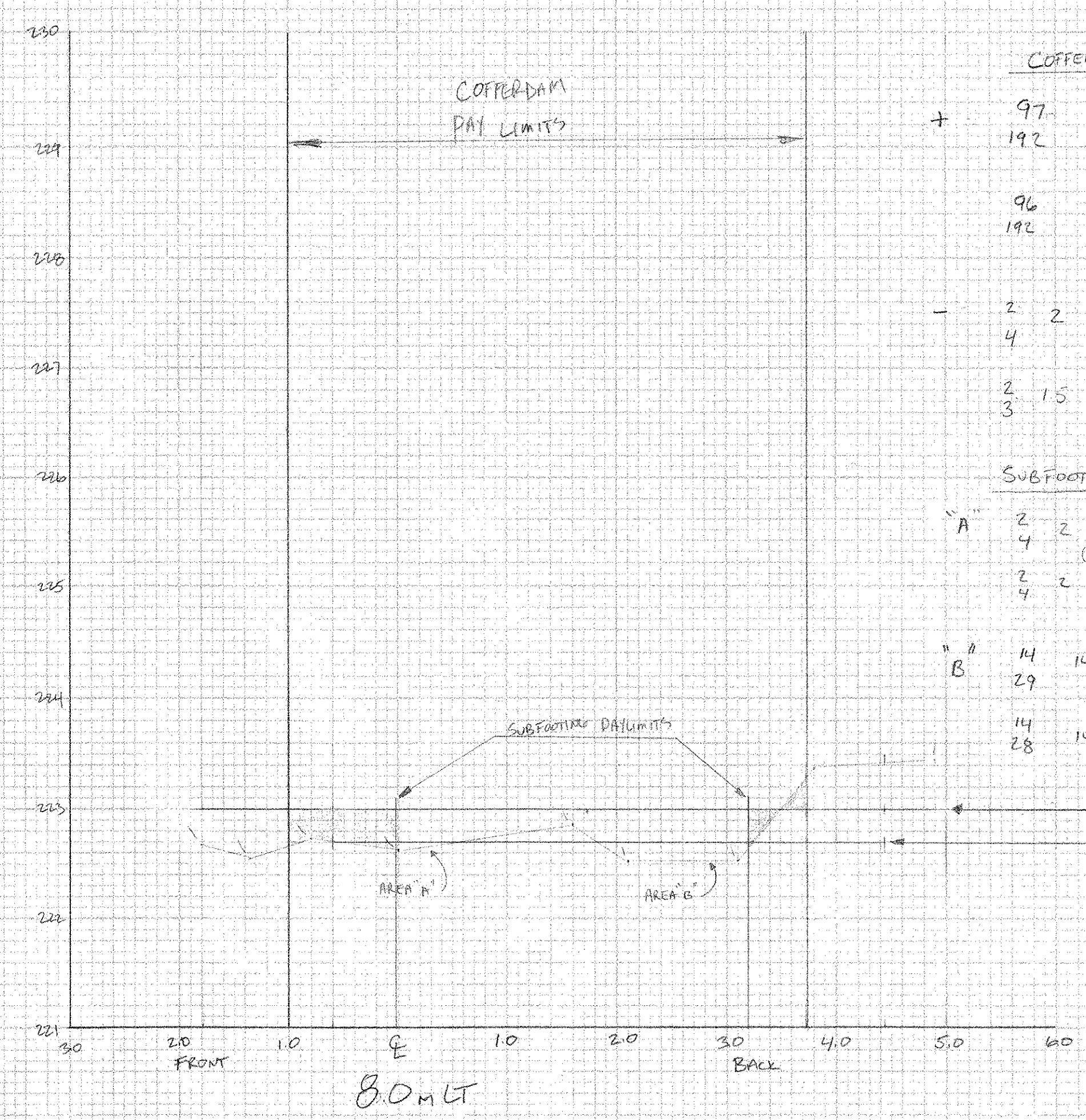


FINAL SURVEY
 IN PARTIAL
 FULFILLMENT OF THE
 REQUIREMENTS OF THE
 PROFESSIONAL ENGINEERING ACT,
 1986, AS AMENDED.

COFFERDAM SURVEY
 SHEET 1 OF 7

LYNDON BR3 0269 (B)
 LEDGE SHOTS @ ABUT #1
 Q15 B-2-00



COFFERDAM PAULIMITS

+	97	96
	192	96
	96	96
	192	96

$96 - 1.75 = 94.25 \div 64 = 1.47 \text{ m}^2$

SUBFOOTING

-	2	2
	4	1.75
	2	1.5
	3	

"A" SUBFOOTING

+	2	2
	4	2
	2	2
	4	2

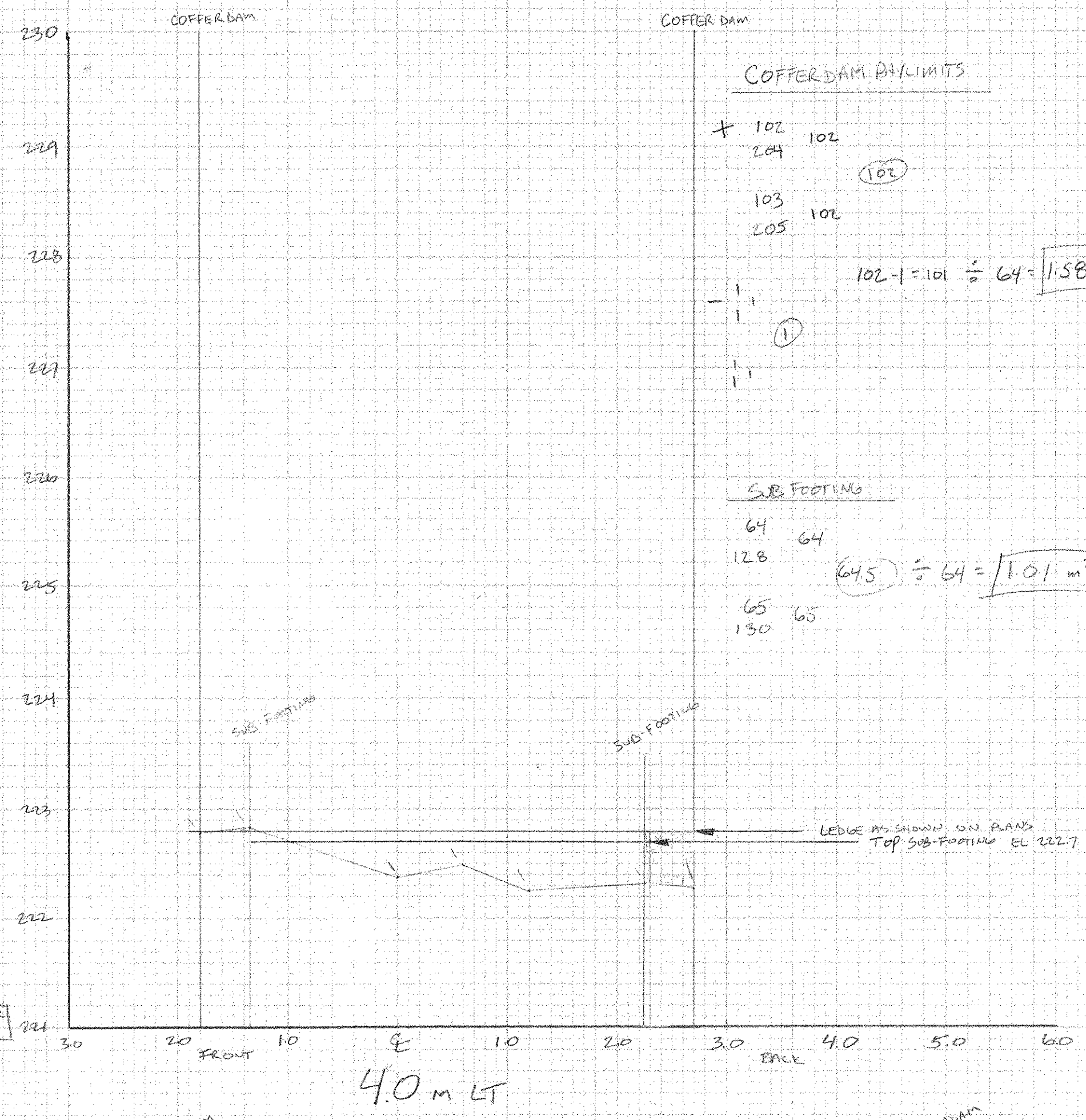
"B" SUBFOOTING

+	14	14.5
	29	14.5
	14	14
	28	14

GRANULAR BACKFILL

+	20	20
	40	20.5
	20	20.5
	41	20.5
+	3	2.5
	5	2.5
	2	2.5
	5	2.5

$20.25 + 2.5 = 22.75$
 $20.5 - 22.75 = 2.25$
 $2.25 \div 64 = 0.32 \text{ m}^2$



COFFERDAM PAULIMITS

+	102	102
	204	102
	103	102
	205	102

$102 - 1 = 101 \div 64 = 1.58 \text{ m}^2$

SUBFOOTING

-	1	1
	1	1
	1	1
	1	1

SUBFOOTING

+	64	64
	128	64
	65	65
	130	65

$64.5 \div 64 = 1.01 \text{ m}^2$

COFFERDAM EX PAULIMITS FOR

4.0 LT - 4.0 RT
 FRONT: $\frac{1}{2}(6) + .9 + .6 = 1.8 \text{ m}$
 BACK: $\frac{1}{2}(6) + 1.8 + .6 = 2.7 \text{ m}$

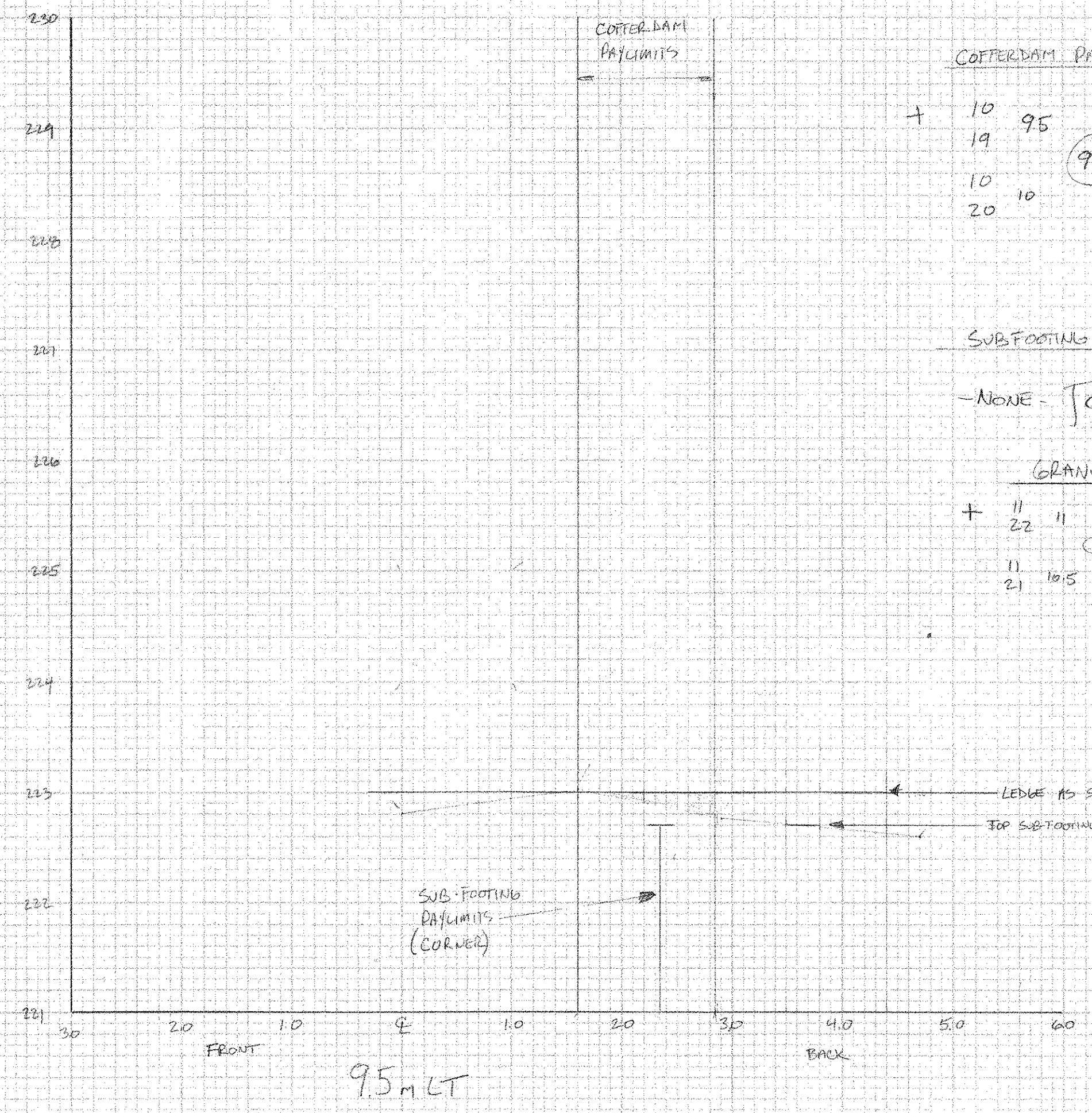
SUB FOOTING PAULIMITS FOR

4.0 LT - 4.0 RT
 FRONT: $\frac{1}{2}(6) + .9 + 1.5 = 1.35 \text{ m}$
 BACK: $\frac{1}{2}(6) + 1.8 + 1.5 = 2.25 \text{ m}$

GRANULAR BACKFILL

+	4	15
	30	15
	4	14.5
	29	14.5

$14.5 \div 64 = 0.23 \text{ m}^2$



COFFERDAM PAULIMITS

+	10	9.5
	19	9.5
	10	9.5
	20	9.5

$9.75 \div 64 = 0.15 \text{ m}^2$

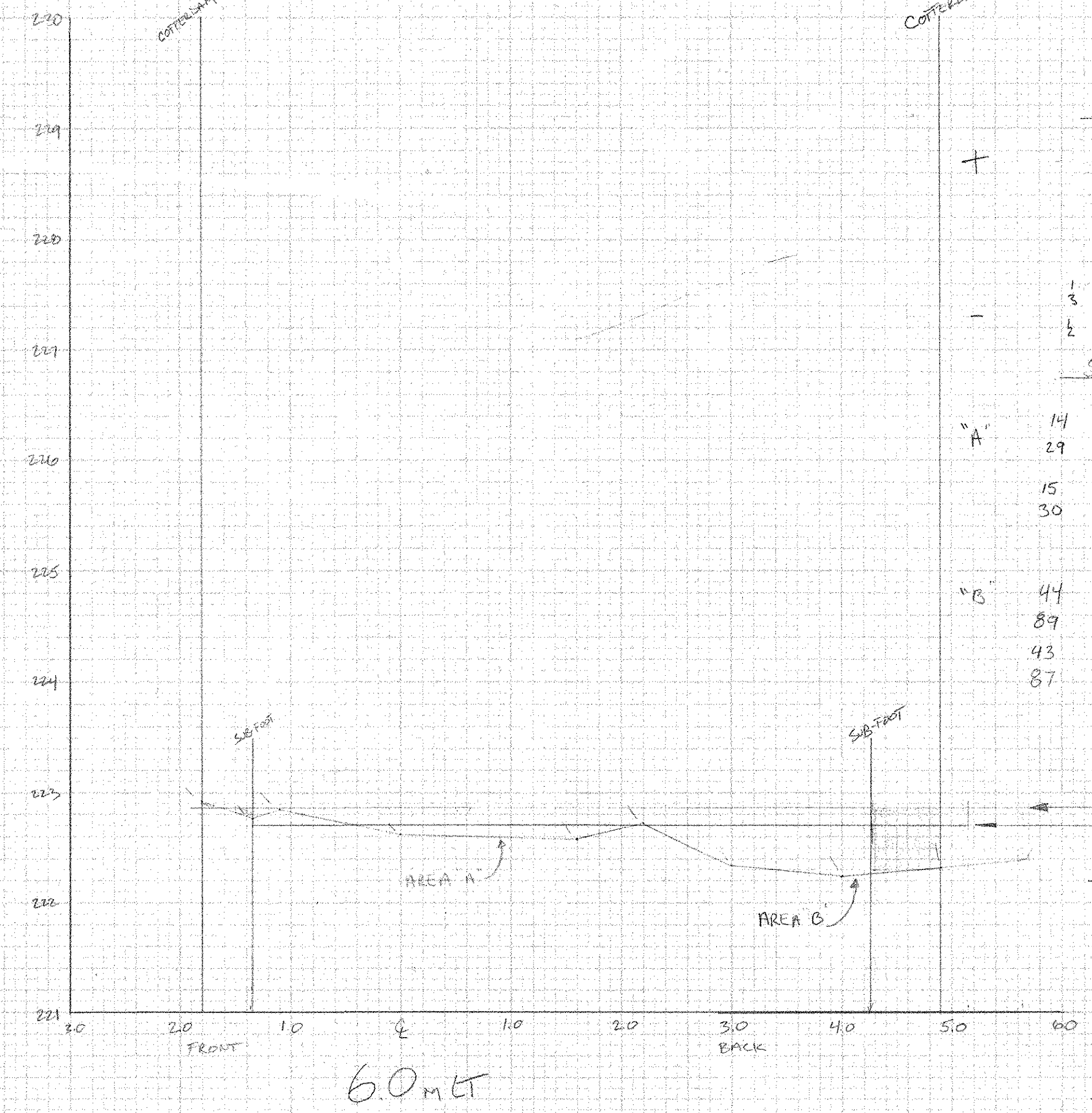
SUBFOOTING

- NONE - 0 m^2

GRANULAR BACKFILL

+	11	11
	22	11
	11	10.5
	21	10.5

$10.75 \div 64 = 0.17 \text{ m}^2$



COFFERDAM PAULIMITS

+	136	135
	270	135
	137	136.5
	273	136.5

$135.75 - 1.25 = 134.5 \div 64 = 2.10 \text{ m}^2$

SUBFOOTING

-	1	1.5
	3	1.5
	1	1.25
	2	1.25

"A" SUBFOOTING

+	14	14.5
	29	14.5
	15	15
	30	15

"B" SUBFOOTING

+	44	44.5
	89	44.5
	43	43.5
	87	43.5

GRANULAR BACKFILL

-	0	0
	0	0
	2	2
	4	2.5
	2	2.5
	5	2.5
+	24	24.5
	49	24.5
	25	24
	48	24

$24.25 + 2.25 = 26.5 \div 64 = 0.41 \text{ m}^2$