

Earth Moving Calculations

Existing Contours

Proposed Contours

Cut Calculation

Area x Ave. Cut

$$A = 221\text{m}^2 \times 3.0\text{m} = 663\text{ m}^3$$
$$B = 347\text{m}^2 \times 2.5\text{m} = 868\text{ m}^3$$
$$C = 420\text{m}^2 \times 4.3\text{m} = 1806\text{m}^3$$
$$D = 308\text{m}^2 \times 5.8\text{m} = 1787\text{ m}^3$$
$$E = 733\text{m}^2 \times 25\text{m} = 18.33\text{ m}^3$$
$$E = 927 \text{ m}^2 \times 3.3 \text{ m} = 3043 \text{ m}^3$$
$$G = 72 \text{ m}^2 \times 0.5 \text{ m} = 36 \text{ m}^3$$

U =	1211	x	0.011	=	2011
H =	357m ²	x	0.5m	=	128 m ³

H -	23/III	X 0.311	-	120 III
I -	12/III	X 1.25	-	155 III

$$= 10319 \text{ m}^3$$

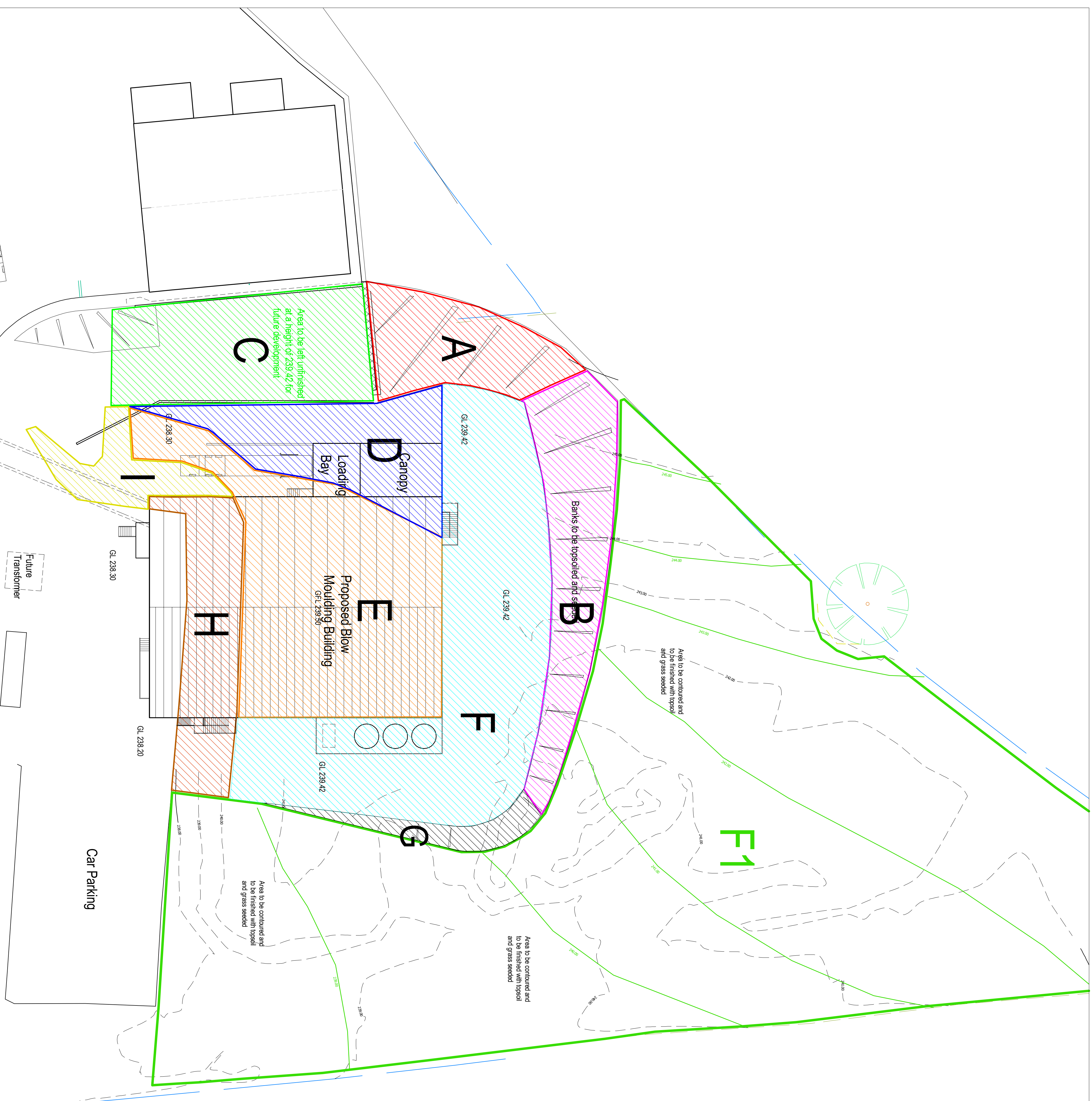
Fill Calculation

(Area Available = 5394m²)

Area x Ave. Fill

$$F1 = 5394 \text{ m}^2 \times 0.5 \text{ m} = 2697 \text{ m}^3$$

= 7622m³ to be removed from site



DATE		SCALE		JOB TITLE	DRAWING TITLE
Apr. 2014		1 : 250@A1			
ORIGIN		VERIFIED			
Cdall		ISR			
FILE NAME					
BottleStoreSlePposedPL1.e				Five Crosses Industrial Estate Minera, Wrexham	Cut and Fill Calculations
ISSUE					
Planning	A1 Drawing				
CLIENT				Tomlinson's Dairies Ltd	DRAWING No. H0070-08-A1-PL-09
					REV.