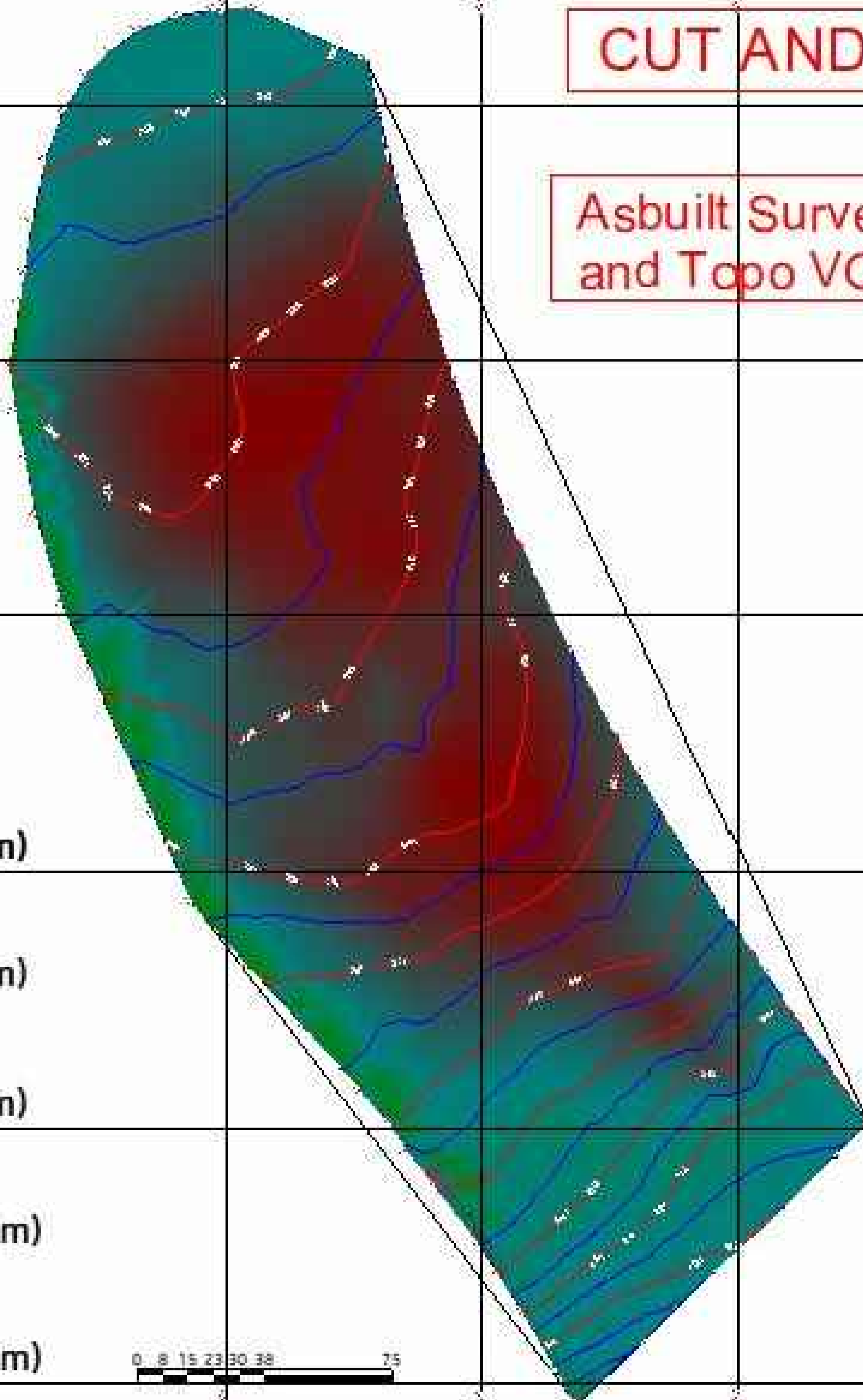
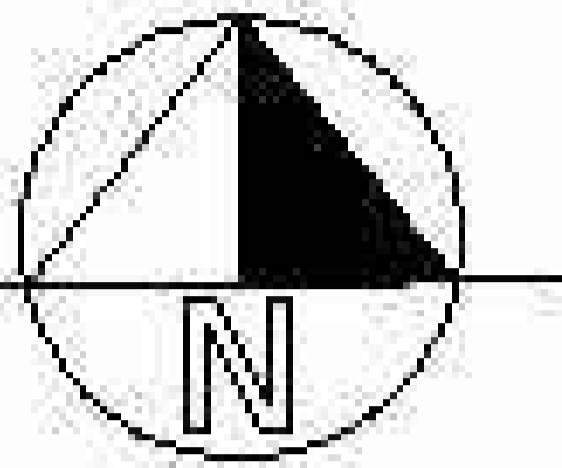


# CUT AND FILL PLAN

**GRIFFITHS**

civil engineering and construction

Asbuilt Survey Field Survey 2021  
and Topo VOG 2017



3.048 (m)

1.524 (m)

0.000 (m)

-1.524 (m)

-3.048 (m)



**GRIFFITHS**  
civil engineering and construction

FIVE MILES LANE - VOLUME REPORT Prepared by Darrel Pugh

MAGNET Office TOPO - VOLUMES REPORT

May 05, 2021

**SURFACES:**

Design: Five Miles Lane ASBUILT FIELD SURVEY - DTM-asbuilt field survey  
Natural: TOPO Five Miles Lane VOG 2017 - DTM-TOPO 2017

**SURFACE AREAS:**

Design: 47942.8 (square meters)  
Natural: 48231.6 (square meters)

**PLAN AREAS:**

Boundary: 47903.1 (square meters) within the boundary  
Design: 47903.1 (square meters) within the boundary and within design surface  
Natural: 47894.6 (square meters)

**CUT/FILL/MATCHING AREAS:**

Cut: 10042.6 (square meters)  
Fill: 37852.0 (square meters)  
Matching: 0.0 (square meters)  
Total Area: 47894.6 (square meters)  
Cut 3D: 10334.2 (square meters)  
Fill 3D: 37897.3 (square meters)  
Matching 3D: 0.0 (square meters)  
Total Area 3D: 48231.6 (square meters)

**VOLUMES:**

Cut to Fill Ratio: 0.087  
Cut: 2641.404 (cubic meters)  
Fill: 30197.202 (cubic meters)  
**Net: 27555.798 (cubic meters) [fill]**  
Cut: 0.263 (cubic meters) / (square meters)  
Fill: 0.798 (cubic meters) / (square meters)  
Average Cut Depth: 0.263 (m)  
Maximum Cut Depth: 2.735 (m)  
Average Fill Depth: 0.798 (m)  
Maximum Fill Depth: 1.641 (m)

Darrel Pugh  
5 May 2021