



HEIGHT BANDS	CUT VOLUME	FILL VOLUME
FILL 2.4m - 3.6m	---	127.05m³
FILL 1.2m - 2.4m	---	406.26m³
FILL 0.0m - 1.2m	---	2693.52m³
CUT 0.0m - 1.2m	16682.86m³	---
CUT 1.2m - 2.4m	5502.00m³	---
CUT 2.4m - 3.6m	1339.66m³	---
CUT 3.6m - 4.8m	291.31m³	---
CUT 4.8m - 6.0m	19.62m³	---
CUT 6.0m - 7.2m	1.64m³	---

SUMMARY OF CUT AND FILL

- Notes:
- TABLE TOP RIGHT COMPARES THE FORMATION LEVEL OF THE ROADS, YARDS, FOOTPATHS AND DRAINAGE TO THE SURVEY LEVEL BUT EXCLUDES FOUNDATION VOLUMES, VOLUMES OF STORAGE TANKS AND SERVICES TRENCHES WHICH ARE SUMMARISED IN TABLE BELOW. STORAGE TANKS ARE ADDED BELOW BUT FOUNDATION AND SERVICES ARISING TO BE CONFIRMED.
 - NET CUT AS TABLE BELOW = 23,837-3,226= 20,611m³.
 - SW STORAGE TANKS = (340+391+207+300)x110% FOR OVERDIG= 1361m³.
 - ALLOWANCE FOR 150mm TOP SOIL IN GREEN SPACES - AS SHOWN. TOTAL 8,450m² X 0.15 = 1260m³
 - TOTAL NET CUT = (20,611+1361+1260) x 110% BULKING =25,555m³
THIS FIGURE EXCLUDES FOUNDATION AND SERVICES VOLUMES
 - THIS ASSUMES ALL EXCAVATED MATERIAL IS USED FOR FILL AREAS.

NOTES

GENERAL NOTES :

1..ALL COYLE KENNEDY DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS DRAWINGS AND ALL OTHER RELEVANT DRAWINGS.

2..CONCRETE GRADE: CARPARK AREAS – 40N20, OTHER AREAS – 35N20, COLUMNS 35N10, UNLESS NOTED OTHERWISE.

3..ALL SETTING OUT AND INSULATION, OPC, SCREED AND RADON PROTECTION DETAILS BY ARCHITECT.

4..COVER TO ALL REINFORCEMENT: – INTERNAL SURFACES – 25mm; EXTERNALLY EXPOSED SURFACES – 35mm; BELOW GROUND – 50mm COLUMNS – 35mm; ALL SURFACES EXPOSED IN CARPARKS – 40mm

5..DETAILED SPECIFICATIONS (CONTRACT DOCUMENTS) ARE AVAILABLE AT ENGINEERS OFFICE FOR INSPECTION BY CONTRACTORS, BY APPOINTMENT.

6..DETAILS OF SUBSTRUCTURE GAS/WATER PROOFING MEMBRANES TO BE BY A REPUTABLE, COMPETENT SUPPLIER.

7..ALL SITE DEVELOPMENT WORKS SHOULD COMPLY WITH THE "RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS" PUBLISHED BY THE DEPARTMENT OF THE ENVIRONMENT.

8..THE CONTRACTOR SHALL BE DEEMED TO HAVE ALLOWED FOR, WITHIN HIS TENDER, EMPLOYING A QUALIFIED STRUCTURAL ENGINEER WITH ADEQUATE PROFESSIONAL INDEMNITY INSURANCE TO ASSESS, DESIGN AND DETAIL SUCH TEMPORARY WORKS AS ARE NECESSARY TO OFFER SUPPORT TO EXISTING AND/OR CONSTRUCTED ELEMENTS DURING THE CONSTRUCTION PERIOD. THIS APPLIES TO ELEMENTS WITHIN THE SITE AND NEIGHBOURING THE SITE.

9..THE CONTRACTOR IS DEEMED TO HAVE VISITED THE SITE AND CONSULTED WITH RELEVANT AUTHORITIES AND BE SATISFIED IN RELATION TO THE SITES SURROUNDINGS, EXISTING SERVICES, LEVELS, BOUNDARIES, GROUND CHARACTERISTICS AND ANY OTHER SITE CONSTRAINTS.

10..ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT BUILDING REGULATIONS.

11...DO NOT SCALE.

F_s – 6/1

Rev.	Revision	Date

DRAWING STATUS		
P PRELIMINARY	A APPROVAL	T TENDER
C CONSTRUCTION	R RECORD	I INFORMATION

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PROJECT

BREAKSPEAR ROAD SOUTH, ICKENHAM

CLIENT

FLANNERY'S

TITLE

CUT AND FILL LAYOUT

PROJECT No.	25–014	STATUS – DRAWING No.	P-304			
DATE	MARCH 2025	DRAWING REV.				
SCALE	1:100 @ A1	BY	FM	CHECKED	SK	

SCALE 1:20

SCALE 1:50

SCALE 1:100

SCALE 1:200

SCALE 1:250

SCALE 1:500

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