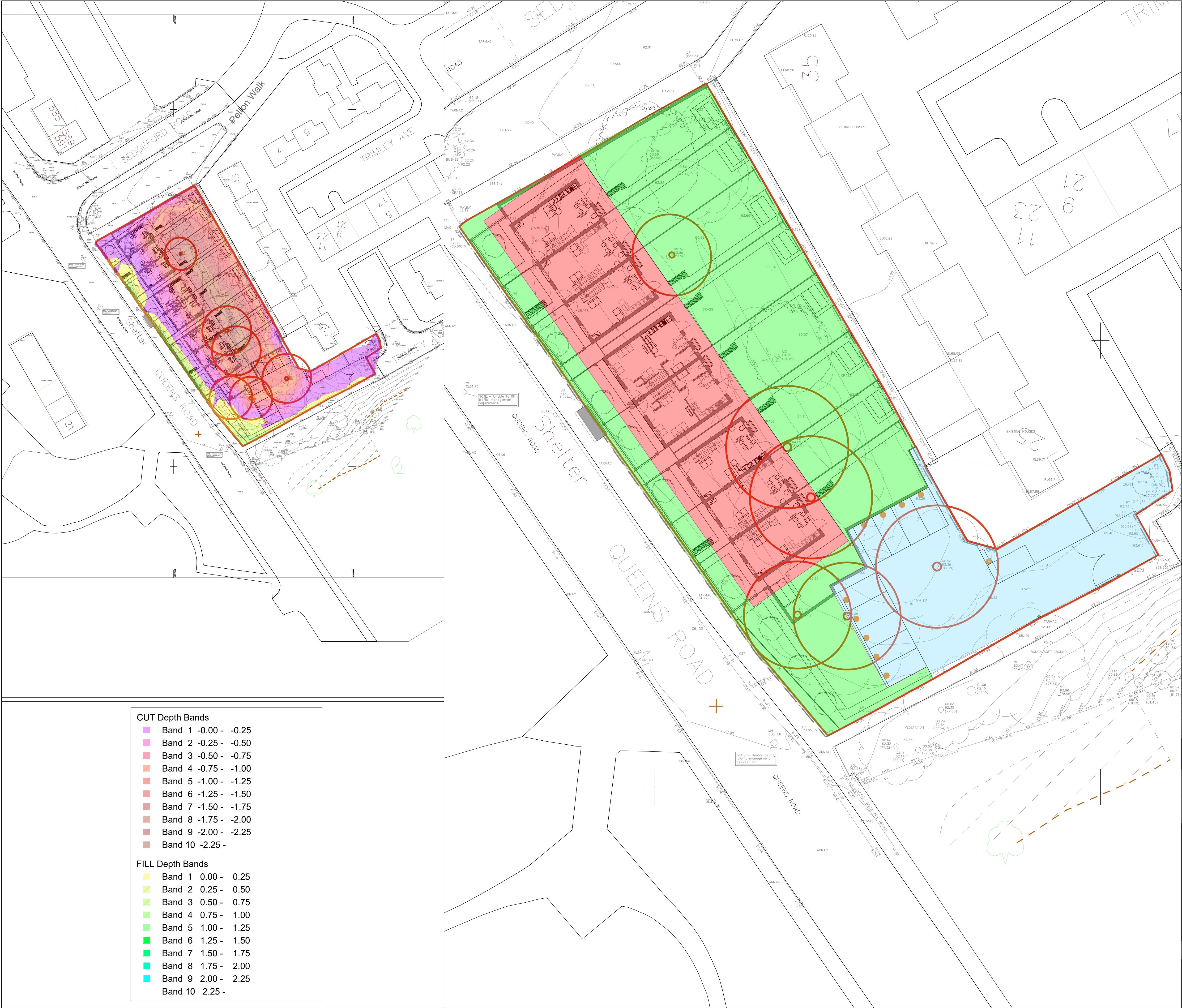




CUT VOLUME REQUIRED FROM EXISTING SITE LEVELS TO PROPOSED =
CUT - 1657m³
FILL - 74m³

NET CUT TO FINISHED LEVELS - 1583m³

CUT ESTIMATIONS BASED ON TOTAL AREAS v THE DEPTH OF CONSTRUCTION

- 450mm ROAD CONSTRUCTION DEPTH - (TOTAL AREA: 0m²) =0m³
- 1175mm FROM FFL TO REDUCED LEVEL FOR PILED FOUNDATIONS INCLUDING 500MM DEEP WORKING PLATFORM -(TOTAL AREA: 684m²) =804m³
- 600mm REAR GARDENS - (TOTAL AREA: 1059m²) = 635m³
- 310mm DRIVEWAYS - (TOTAL AREA 463m²) =144m³

TOTAL 'CUT' FROM PROPOSED FINISHED LEVELS = **1583m³**

THEREFORE AN OVERALL NET CUT OF **3166m³** IS REQUIRED FOR THE SITE

ESTIMATED VOLUMES DO NOT ACCOUNT FOR THE FOLLOWING ITEMS:

- TOP SOIL STRIP TO SITE PRIOR TO REDUCED LEVEL DIG
- ARISINGS FROM PLOT DRAINAGE AND SERVICES
- ADOPTABLE SEWERS AND MANHOLES
- CAPPING STONE TO HIGHWAY CORRIDOR
- NO ALLOWANCE FOR BULKING
- RETAINING WALL CONSTRUCTION AND FOUNDATIONS

ALL VOLUMES ARE APPROXIMATE ONLY BASED ON INFORMATION PROVIDED DURING PRE-CONSTRUCTION INVESTIGATIONS. REMEDIATION CONTRACTOR AND GROUND WORKER TO PROVIDE THEIR OWN ESTIMATES OF CUT/FILL REQUIREMENTS FOR SITE PRIOR TO CONSTRUCTION

- LEGEND**
- PLOTS - 1175MM REDUCED LEVEL
 - ADOPTABLE CARRIAGEWAY - 450MM REDUCED LEVEL (EXCLUDING CAPPING REQUIREMENTS AS PER CBR RESULTS)
 - REAR GARDENS & LANDSCAPED AREA - 600MM REDUCED LEVEL
 - HARDSTANDING/ DRIVEWAY AREAS - 310MM REDUCED LEVEL

ALL VOLUME VALUES ARE BASED ON TOPOGRAPHICAL SURVEY ARE SUBJECT TO REVIEW ON RECEIPT OF ADDITIONAL SURVEY INFORMATION

ALL VOLUME VALUES ARE SUBJECT TO CONFIRMATION OF FOUNDATION STRATEGY, FINISHED PROPOSED LEVELS AND REMEDIATION STRATEGY

CUT Depth Bands

- Band 1 -0.00 - -0.25
- Band 2 -0.25 - -0.50
- Band 3 -0.50 - -0.75
- Band 4 -0.75 - -1.00
- Band 5 -1.00 - -1.25
- Band 6 -1.25 - -1.50
- Band 7 -1.50 - -1.75
- Band 8 -1.75 - -2.00
- Band 9 -2.00 - -2.25
- Band 10 -2.25 -

FILL Depth Bands

- Band 1 0.00 - 0.25
- Band 2 0.25 - 0.50
- Band 3 0.50 - 0.75
- Band 4 0.75 - 1.00
- Band 5 1.00 - 1.25
- Band 6 1.25 - 1.50
- Band 7 1.50 - 1.75
- Band 8 1.75 - 2.00
- Band 9 2.00 - 2.25
- Band 10 2.25 -

C01	22.10.2024	RIBA STAGE 5 (CONSTRUCTION) ISSUE	JJR	JCM	JCM
P02	03.04.2024	UPDATED TO SUIT LATEST SITE PLAN	JCM	JCM	JLS
P01	15.12.2023	PRELIMINARY ISSUE	JCM	JCM	JLS
REV	DATE	DESCRIPTION	BY	CHK	APP

DRAWING STATUS:	CONSTRUCTION
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CLIENT:	CASEY
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ARCHITECT:	JOHN MCCALL ARCHITECTS
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PROJECT:	QUEENS AVENUE P500 MANCHESTER
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TITLE:	CUT & FILL AREAS PLAN
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STATUS:	PROJECT No:	PROJECT	ORIGINATOR	VOL/SYS/LEVEL	TYPE	ROLE	DRAWING No:	REV:
S2	223-151	QAV - AJP - ZZ - 00 - DR - C - 1410	C01					

SCALE @ A1:	DESIGNED:	DRAWN:	CHECKED:	APPROVED:	DATE:
1:200	JCM	JCM	JCM	JLS	DEC 2023