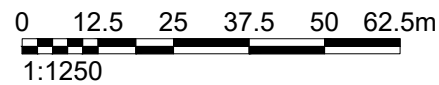
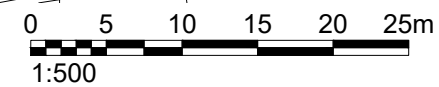


Proposed Site Plan



Proposed Location Plan



GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL GENERAL ARRANGEMENT DRAWINGS, PROJECT DETAILS AND SPECIFICATIONS.
- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO STRUCTURAL FACES AND/OR PARTITION STUDS.
- ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE FABRICATION OF ANY WORK AND/OR ORDERING ANY MATERIAL.
- STRUCTURAL ENGINEER TO CONFIRM AND PROVIDE DETAILS OF ALL STEEL BEAMS, LINTELS, MOVEMENT JOINTS AND ALL STRUCTURAL INFORMATION.
- ELECTRIC AND M&E WORK TO BE CARRIED OUT BY QUALIFIED AND REGISTERED SPECIALIST.
- ALL DRAINAGE RUNS TO BE ABOVE FLOOR UNLESS STATED OTHERWISE.

4. ABBREVIATIONS USED:-
- | | | | |
|-----|---------------------------|-----|--------------------|
| MJ | MOVEMENT JOINT, | HL | AT HIGH LEVEL |
| AAV | AIR ADMITTANCE VALVE, SVP | | SOIL AND VENT PIPE |
| DP | DRAINAGE POINT, | RWP | RAIN WATER PIPE |
| W1 | WINDOW REFERENCE | | |
10. KITCHEN LAYOUT TO SPECIALIST'S DESIGN AND DETAILS
11. MECHANICAL VENTILATION
- ALL EXTRACT DUCTS TO RUN BE WITHIN FLOORS AND ROOF VOID UNLESS STATED OTHERWISE.
- INDICATES EXTRACT LOCATION

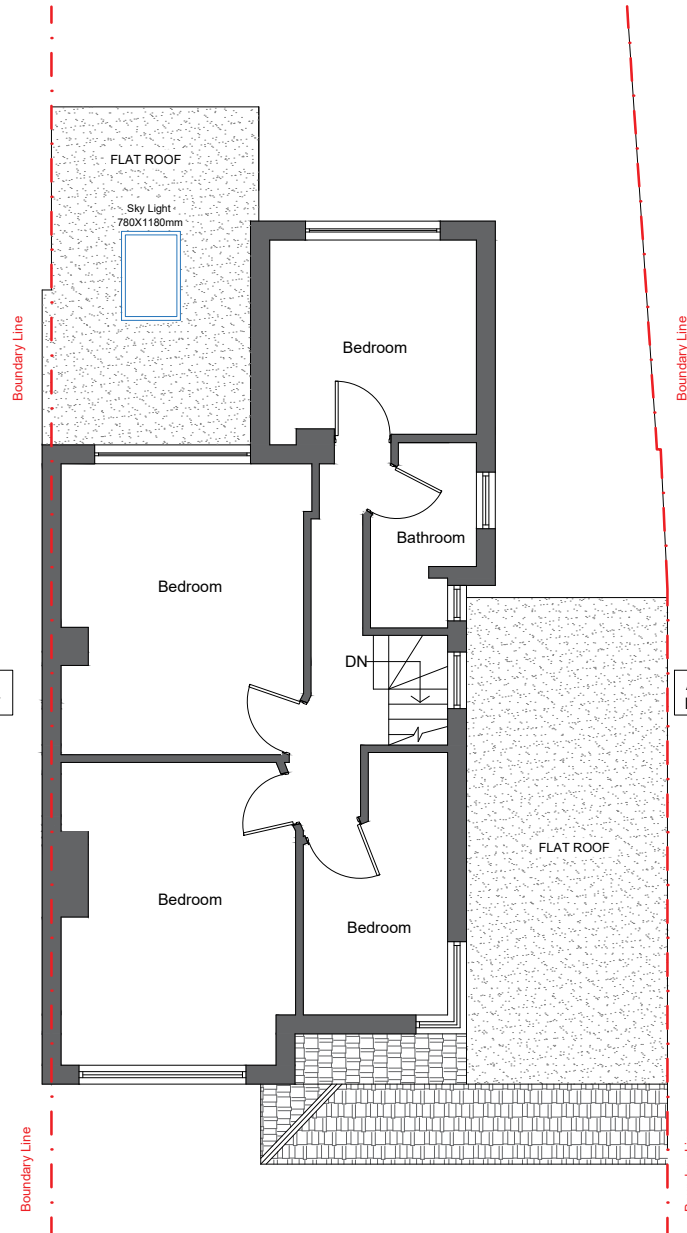
5. LEGEND
- | | |
|--|---|
| | NEW FACING BRICKWORK TO MATCH WITH THE EXISTING. |
| | 7.3 N/SQ. MM LOADBEARING AIRCRETE BLOCK (450 - 800 KG/M ³) TO EXTERNAL CAVITY WALL TO CLIENTS SPECIFICATION. BLOCK STRENGTH TO BE CONFIRMED AND DETAILED BY THE STRUCTURAL ENGINEER |

- | | |
|--|--|
| | NEW NON-LOADBEARING PARTITION, 70MM TIMBER STUDS WITH 12.5MM SOUNDBLOC RAPID BOARD ON EACH SIDE. 12.5MM PLY BOARD TO BE USED TO SUPPORT MAIN WALL IN BEDROOMS AND ALL SIDES OF BATHROOM AND KITCHEN FOR APPLIANCES FIXTURES. PARTITION TO ACHIEVE MINIMUM 40DB SOUND REDUCTION. MR GRADE BOARD TO BE USED IN WET AREAS. (PLEASE CONFIRM FROM CLIENT IF TIMBER STUD TO BE REPLACED WITH GYFFRAME 'C' STUDS) |
| | 50MM SOUND QUILT INSULATION TO BE FILLED AS INDICATED ON FLOOR PLANS |

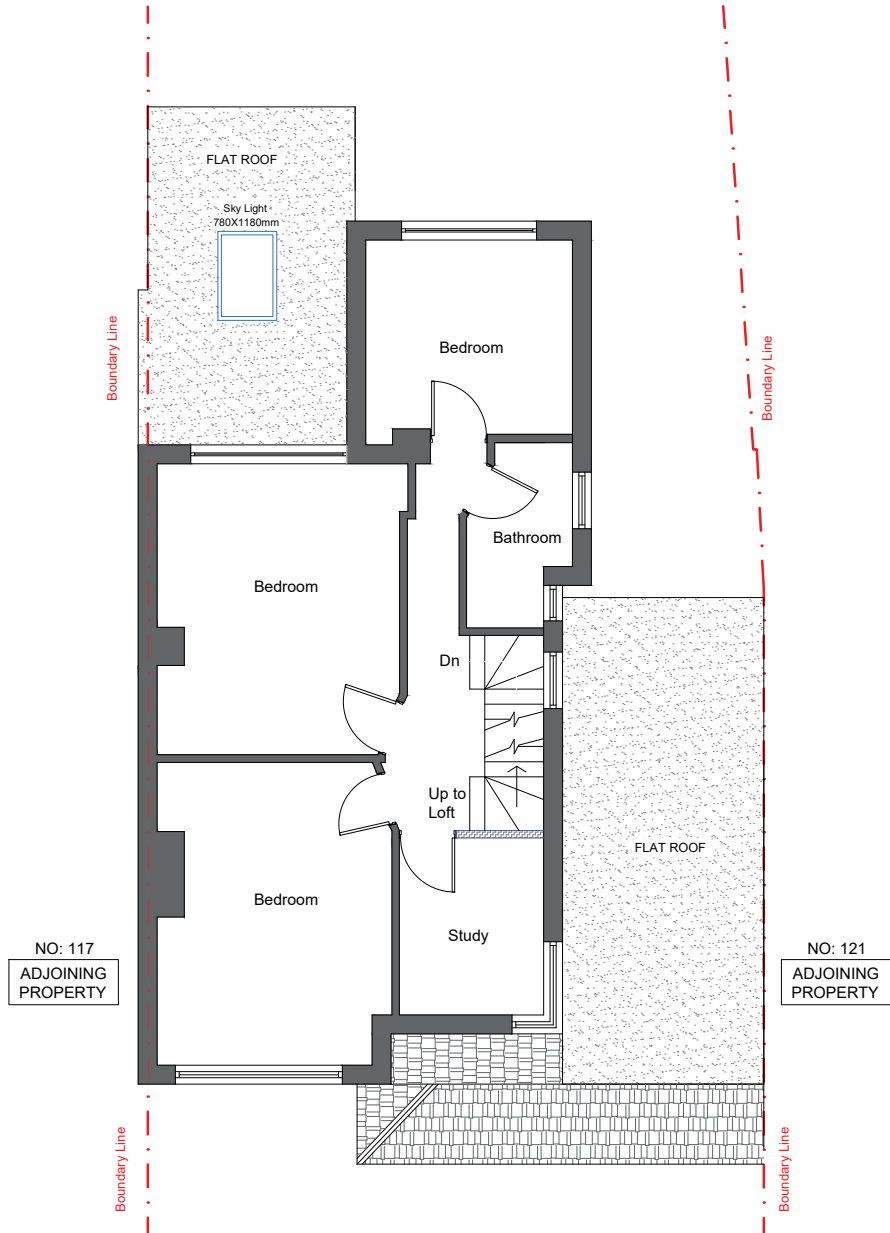
- WALL FOR ATTIC ROOM, EXACT SIZE OF TIMBER TO BE CONFIRMED BY ENGINEER
- DENOTES SPAN OF FLOOR OVER (TYPE STATED)

6. DENOTES STRUCTURAL STEEL BEAM/TIMBER TRIMMER OVER. ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.
- | | |
|--|--------------------|
| | STEEL BEAM |
| | CRANKED STEEL BEAM |
| | TIMBER TRIMMER |

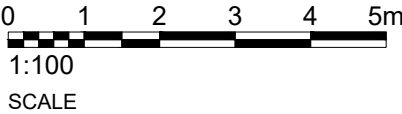
Client				
Project				
119 Woodlands Avenue Eastcote HA4 9RE				
Drawing Title				
LOFT CONVERSION PROPOSED SITE PLAN AND BLOCK PLAN				
Sheet 1				
Drawn	Name	Date	Scale	1:500 / 1:1250 @ A1
Design		12-07-2023	File No.	N/A
Checked			Drawing Status	For Planning Approval
Approved				
Drawing No.			Revision	-



Existing First Floor Plan



Proposed First Floor Plan



GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL GENERAL ARRANGEMENT DRAWINGS, PROJECT DETAILS AND SPECIFICATIONS.
- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO STRUCTURAL FACES AND/OR PARTITION STUDS.
- ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE FABRICATION OF ANY WORK AND/OR ORDERING ANY MATERIAL.
- STRUCTURAL ENGINEER TO CONFIRM AND PROVIDE DETAILS OF ALL STEEL BEAMS, LINTELS, MOVEMENT JOINTS AND ALL STRUCTURAL INFORMATION.
- ELECTRIC AND M&E WORK TO BE CARRIED OUT BY QUALIFIED AND REGISTERED SPECIALIST.
- ALL DRAINAGE RUNS TO BE ABOVE FLOOR UNLESS STATED OTHERWISE.

4. ABBREVIATIONS USED:-
- | | | | |
|-----|---------------------------|--------------------|-----------------|
| MJ | MOVEMENT JOINT, | HL | AT HIGH LEVEL |
| AAV | AIR ADMITTANCE VALVE, SVP | SOIL AND VENT PIPE | |
| DP | DRAINAGE POINT, | RWP | RAIN WATER PIPE |
| W1 | WINDOW REFERENCE | | |
10. KITCHEN LAYOUT TO SPECIALIST'S DESIGN AND DETAILS
11. MECHANICAL VENTILATION ALL EXTRACT DUCTS TO RUN BE WITHIN FLOORS AND ROOF VOID UNLESS STATED OTHERWISE.
- INDICATES EXTRACT LOCATION

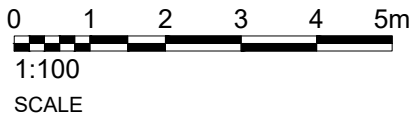
5. LEGEND
- | | |
|--|--|
| | NEW FACING BRICKWORK TO MATCH WITH THE EXISTING. |
| | 7.3 N/SQ. MM LOADBEARING AIRCRETE BLOCK (450 - 800 KG/M³) TO EXTERNAL CAVITY WALL TO CLIENTS SPECIFICATION. BLOCK STRENGTH TO BE CONFIRMED AND DETAILED BY THE STRUCTURAL ENGINEER |

- | | |
|--|--|
| | NEW NON-LOADBEARING PARTITION, 70MM TIMBER STUDS WITH 12.5MM SOUNDBLOC RAPID BOARD ON EACH SIDE. 12.5MM PLY BOARD TO BE USED TO SUPPORT MAIN WALL IN BEDROOMS AND ALL SIDES OF BATHROOM AND KITCHEN FOR APPLIANCES FIXTURES. PARTITION TO ACHIEVE MINIMUM 40DB SOUND REDUCTION. MR GRADE BOARD TO BE USED IN WET AREAS. (PLEASE CONFIRM FROM CLIENT IF TIMBER STUD TO BE REPLACED WITH GYPSUM 'C' STUDS) |
| | 50MM SOUND QUILT INSULATION TO BE FILLED AS INDICATED ON FLOOR PLANS |

- | | |
|--|---|
| | WALL FOR ATTIC ROOM, EXACT SIZE OF TIMBER TO BE CONFIRMED BY ENGINEER |
| | DENOTES SPAN OF FLOOR OVER (TYPE STATED) |

6. ——— DENOTES STRUCTURAL STEEL BEAM/TIMBER TRIMMER OVER. ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.
- | | |
|--|--------------------|
| | STEEL BEAM |
| | CRANKED STEEL BEAM |
| | TIMBER TRIMMER |

Client			
Project			
119 Woodlands Avenue Eastcote HA4 9RE			
Drawing Title			
LOFT CONVERSION EXISTING AND PROPOSED FIRST FLOOR PLAN Sheet 2			
Drawn	Name	Date	Scale 1:50 / 1:100 @ A1
Design		12-07-2023	File No. N/A
Checked			Drawing Status For Planning Approval
Approved			
Drawing No.			Revision
			-



GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL GENERAL ARRANGEMENT DRAWINGS, PROJECT DETAILS AND SPECIFICATIONS.
2. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO STRUCTURAL FACES AND/OR PARTITION STUDS.
3. ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE FABRICATION OF ANY WORK AND/OR ORDERING ANY MATERIAL.

4. ABBREVIATIONS USED:-
- | | | | |
|----|---------------------------|--------------------|-----------------|
| MJ | MOVEMENT JOINT, | HL | AT HIGH LEVEL |
| AV | AIR ADMITTANCE VALVE, SVP | SOIL AND VENT PIPE | |
| DP | DRAINAGE POINT, | RWP | RAIN WATER PIPE |
| W1 | WINDOW REFERENCE | | |

10. KITCHEN LAYOUT TO SPECIALIST'S DESIGN AND DETAILS
11. MECHANICAL VENTILATION
- ALL EXTRACT DUCTS TO RUN BE WITHIN FLOORS AND ROOF VOID UNLESS STATED OTHERWISE.

INDICATES EXTRACT LOCATION

5. LEGEND
- NEW FACING BRICKWORK TO MATCH WITH THE EXISTING.
- 7.3 N/SQ. MM LOADBEARING AIRCRETE BLOCK (450 - 800 KG/M³) TO EXTERNAL CAVITY WALL TO CLIENTS SPECIFICATION. BLOCK STRENGTH TO BE CONFIRMED AND DETAILED BY THE STRUCTURAL ENGINEER

12. ALL EXTERNAL MATERIALS AND DETAILS TO BE CONFIRMED BY THE END USER AND LOCAL AUTHORITY BEFORE PLACING ANY ORDER FOR MATERIALS OR COMMENCEMENT OF WORK ON SITE.

NEW NON-LOADBEARING PARTITION, 70MM TIMBER STUDS WITH 12.5MM SOUNDBLOC RAPID BOARD ON EACH SIDE. 12.5MM PLY BOARD TO BE USED TO SUPPORT MAIN WALL IN BEDROOMS AND ALL SIDES OF BATHROOM AND KITCHEN FOR APPLIANCES FIXTURES. PARTITION TO ACHIEVE MINIMUM 40DB SOUND REDUCTION. MR GRADE BOARD TO BE USED IN WET AREAS. (PLEASE CONFIRM FROM CLIENT IF TIMBER STUD TO BE REPLACED WITH GYPSUMBOARD 'C' STUDS)


50MM SOUND QUILT INSULATION TO BE FILLED AS INDICATED ON FLOOR PLANS

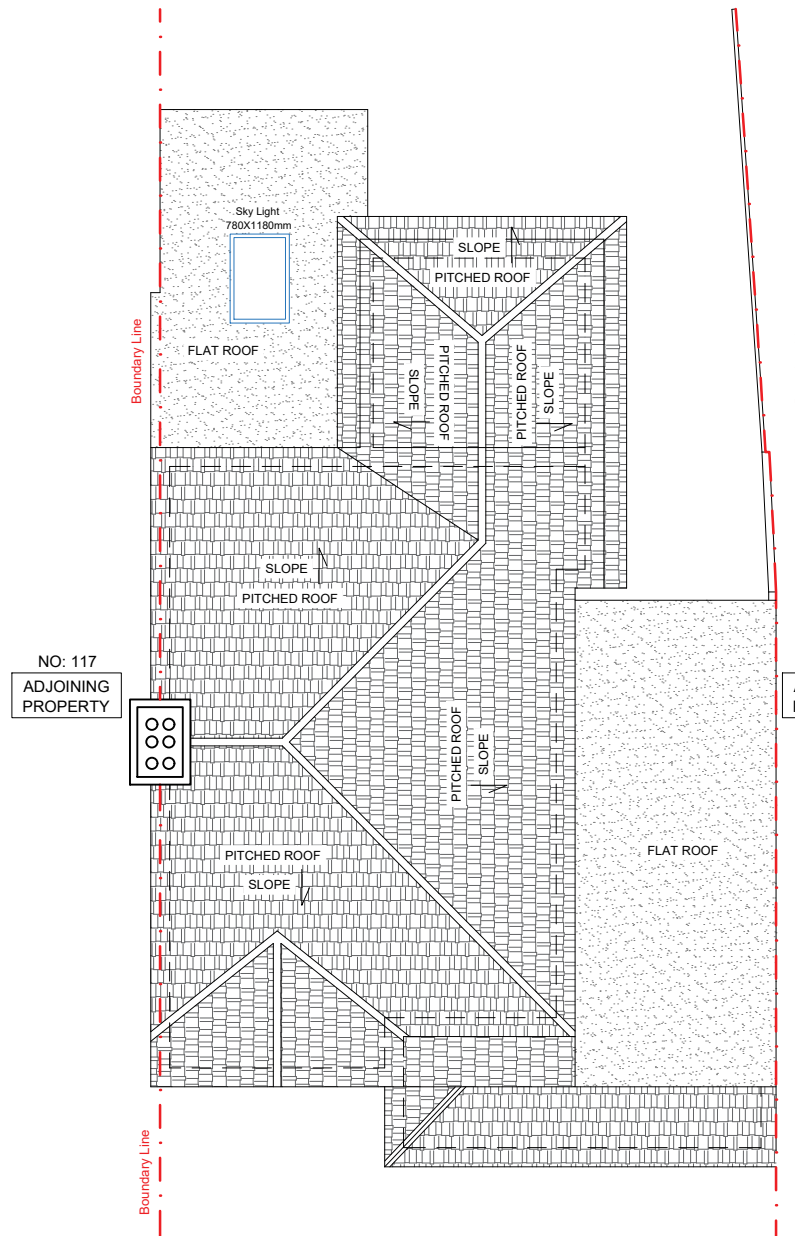
WALL FOR ATTIC ROOM, EXACT SIZE OF TIMBER TO BE CONFIRMED BY ENGINEER

DENOTES SPAN OF FLOOR OVER (TYPE STATED)

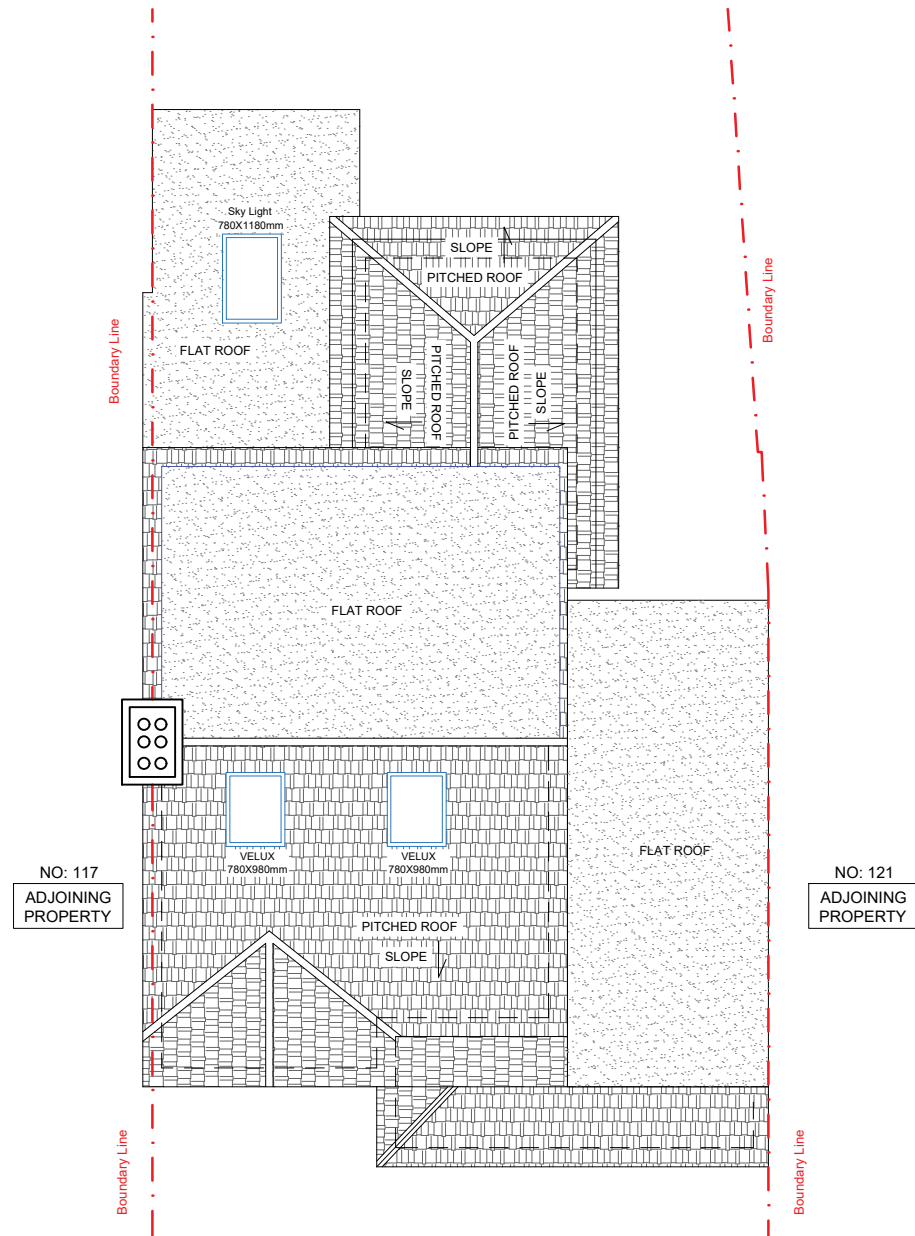
6. ———— DENOTES STRUCTURAL STEEL BEAM/TIMBER TRIMMER OVER. ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.

SB	STEEL BEAM
CSB	CRANKED STEEL BEAM
TR	TIMBER TRIMMER

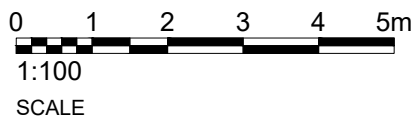
			
Client			
Project			
119 Woodlands Avenue Eastcote HA4 9RE			
Drawing Title			
LOFT CONVERSION PROPOSED LOFT FLOOR PLAN			
Sheet 3			
Name	Date	Scale	1:50 / 1:100 @ A1
Design	12-07-2023	File No.	N/A
Checked		Drawing Status.	For Planning Approval
Approved			
Drawing No.		Revision	-



Existing Topview



Proposed Topview



GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL GENERAL ARRANGEMENT DRAWINGS, PROJECT DETAILS AND SPECIFICATIONS.
- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO STRUCTURAL FACES AND/OR PARTITION STUDS.
- ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE FABRICATION OF ANY WORK AND/OR ORDERING ANY MATERIAL.
- STRUCTURAL ENGINEER TO CONFIRM AND PROVIDE DETAILS OF ALL STEEL BEAMS, LINTELS, MOVEMENT JOINTS AND ALL STRUCTURAL INFORMATION.
- ELECTRIC AND M&E WORK TO BE CARRIED OUT BY QUALIFIED AND REGISTERED SPECIALIST.
- ALL DRAINAGE RUNS TO BE ABOVE FLOOR UNLESS STATED OTHERWISE.


4. ABBREVIATIONS USED:-
- | | | | |
|-----|---------------------------|--------------------|-----------------|
| MJ | MOVEMENT JOINT, | HL | AT HIGH LEVEL |
| AAV | AIR ADMITTANCE VALVE, SVP | SOIL AND VENT PIPE | |
| DP | DRAINAGE POINT, | RWP | RAIN WATER PIPE |
| WL | WINDOW REFERENCE | | |
10. KITCHEN LAYOUT TO SPECIALIST'S DESIGN AND DETAILS
11. MECHANICAL VENTILATION ALL EXTRACT DUCTS TO RUN BE WITHIN FLOORS AND ROOF VOID UNLESS STATED OTHERWISE.
- INDICATES EXTRACT LOCATION

5. LEGEND
- | | |
|--|---|
| | NEW FACING BRICKWORK TO MATCH WITH THE EXISTING. |
| | 7.3 N/SQ. MM LOADBEARING AIRCRETE BLOCK (450 - 800 KG/M ³) TO EXTERNAL CAVITY WALL TO CLIENTS SPECIFICATION. BLOCK STRENGTH TO BE CONFIRMED AND DETAILED BY THE STRUCTURAL ENGINEER |

- | | |
|--|---|
| | NEW NON-LOADBEARING PARTITION, 70MM TIMBER STUDS WITH 12.5MM SOUNDBLOC RAPID BOARD ON EACH SIDE. 12.5MM PLY BOARD TO BE USED TO SUPPORT MAIN WALL IN BEDROOMS AND ALL SIDES OF BATHROOM AND KITCHEN FOR APPLIANCES FIXTURES. PARTITION TO ACHIEVE MINIMUM 40DB SOUND REDUCTION. MR GRADE BOARD TO BE USED IN WET AREAS. (PLEASE CONFIRM FROM CLIENT IF TIMBER STUD TO BE REPLACED WITH GYFRAME 'C' STUDS) |
| | 50MM SOUND QUILT INSULATION TO BE FILLED AS INDICATED ON FLOOR PLANS |

- | | |
|--|---|
| | WALL FOR ATTIC ROOM, EXACT SIZE OF TIMBER TO BE CONFIRMED BY ENGINEER |
| | DENOTES SPAN OF FLOOR OVER (TYPE STATED) |

6. DENOTES STRUCTURAL STEEL BEAM/TIMBER TRIMMER OVER. ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.
- | | |
|--|--------------------|
| | STEEL BEAM |
| | CRANKED STEEL BEAM |
| | TIMBER TRIMMER |



SHANKAR CONSULTANCY LTD
119 WOODLANDS AVENUE, EASTCOTE HA4 9RE

Client

Project

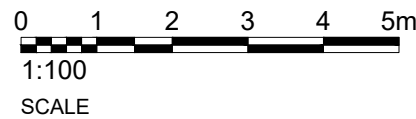
119 Woodlands Avenue
Eastcote HA4 9RE

Drawing Title

LOFT CONVERSION
EXISTING AND PROPOSED ROOF PLAN

Sheet 4



Name	Date	Scale	1:50 / 1:100 @ A1
Drawn	12-07-2023	File No.	N/A
Design		Drawing Status	For Planning Approval
Checked		Revision	
Approved			
Drawing No.			



GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL GENERAL ARRANGEMENT DRAWINGS, PROJECT DETAILS AND SPECIFICATIONS.
2. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO STRUCTURAL FACES AND/OR PARTITION STUDS.
3. ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE FABRICATION OF ANY WORK AND/OR ORDERING ANY MATERIAL.
- 4.
- 5.
- 6.
7. STRUCTURAL ENGINEER TO CONFIRM AND PROVIDE DETAILS OF ALL STEEL BEAMS, LINTELS, MOVEMENT JOINTS AND ALL STRUCTURAL INFORMATION.
8. ELECTRIC AND M&E WORK TO BE CARRIED OUT BY QUALIFIED AND REGISTERED SPECIALIST.
9. ALL DRAINAGE RUNS TO BE ABOVE FLOOR UNLESS STATED OTHERWISE




4. ABBREVIATIONS USED:-
- | | | | |
|-----|---------------------------|-----|--------------------|
| MJ | MOVEMENT JOINT, | HL | AT HIGH LEVEL |
| AAV | AIR ADMITTANCE VALVE, SVP | | SOIL AND VENT PIPE |
| DP | DRAINAGE POINT, | RWP | RAIN WATER PIPE |
| W1 | WINDOW REFERENCE | | |
10. KITCHEN LAYOUT TO SPECIALIST'S DESIGN AND DETAILS
11. MECHANICAL VENTILATION
- ALL EXTRACT DUCTS TO RUN BE WITHIN FLOORS AND ROOF VOID
UNLESS STATED OTHERWISE.
- INDICATES EXTRACT LOCATION


- 5. LEGEND**
- | | |
|---|---|
|  | NEW FACING BRICKWORK TO MATCH WITH THE EXISTING. |
|  | 7.3 N/SQ. MM LOADBEARING AIRCRETE BLOCK (450 - 800 KG/M ³) TO EXTERNAL CAVITY WALL TO CLIENTS SPECIFICATION. BLOCK STRENGTH TO BE CONFIRMED AND DETAILED BY THE STRUCTURAL ENGINEER |

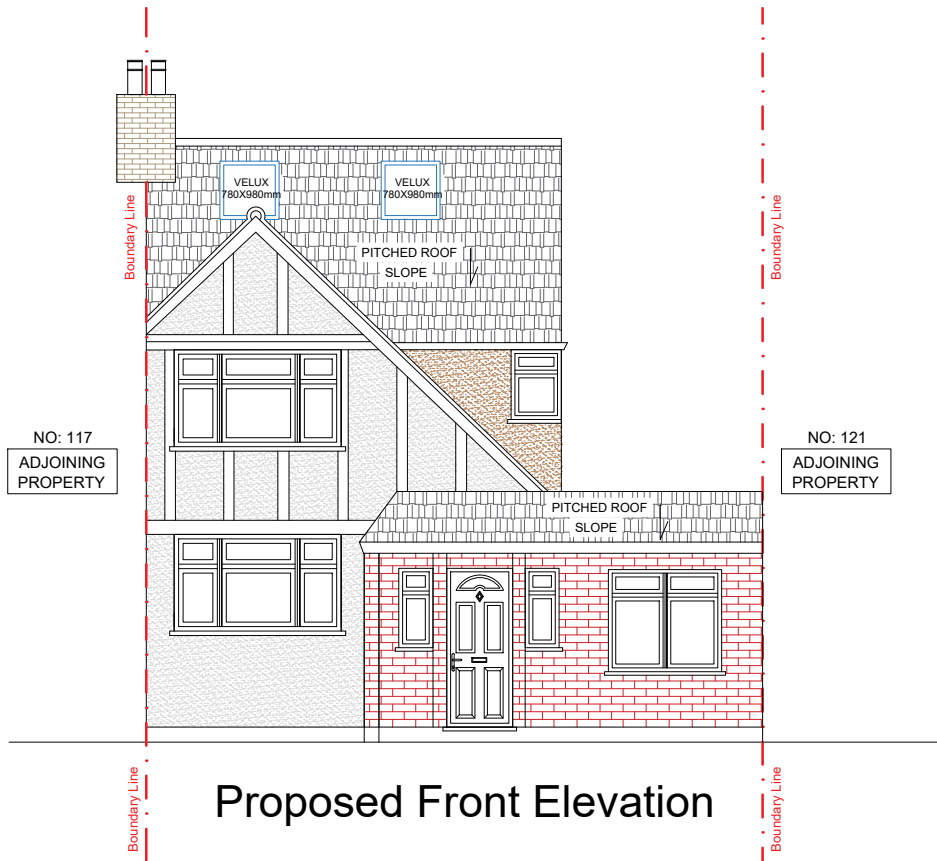
12. ALL EXTERNAL MATERIALS AND DETAILS TO BE CONFIRMED BY THE END USER AND LOCAL AUTHORITY BEFORE PLACING ANY ORDER FOR MATERIALS OR COMMENCEMENT OF WORK ON SITE.

- NEW NON-LOADBEARING PARTITION,
70MM TIMBER STUDS WITH 12.5MM SOUNDBLOC RAPID BOARD ON EACH SIDE. 12.5MM PLY BOARD TO
BE USED TO SUPPORT MAIN WALL IN BEDROOMS AND ALL SIDES OF BATHROOM AND KITCHEN FOR
APPLIANCES FIXTURES. PARTITION TO ACHIEVE MINIMUM 40DB SOUND REDUCTION. MR GRADE
BOARD TO BE USED IN WET AREAS. (PLEASE CONFIRM FROM CLIENT IF TIMBER STUD TO BE REPLACED
WITH GYPFRAME 'C' STUDS)
50MM SOUND QUILT INSULATION TO BE FILLED AS INDICATED ON FLOOR PLANS

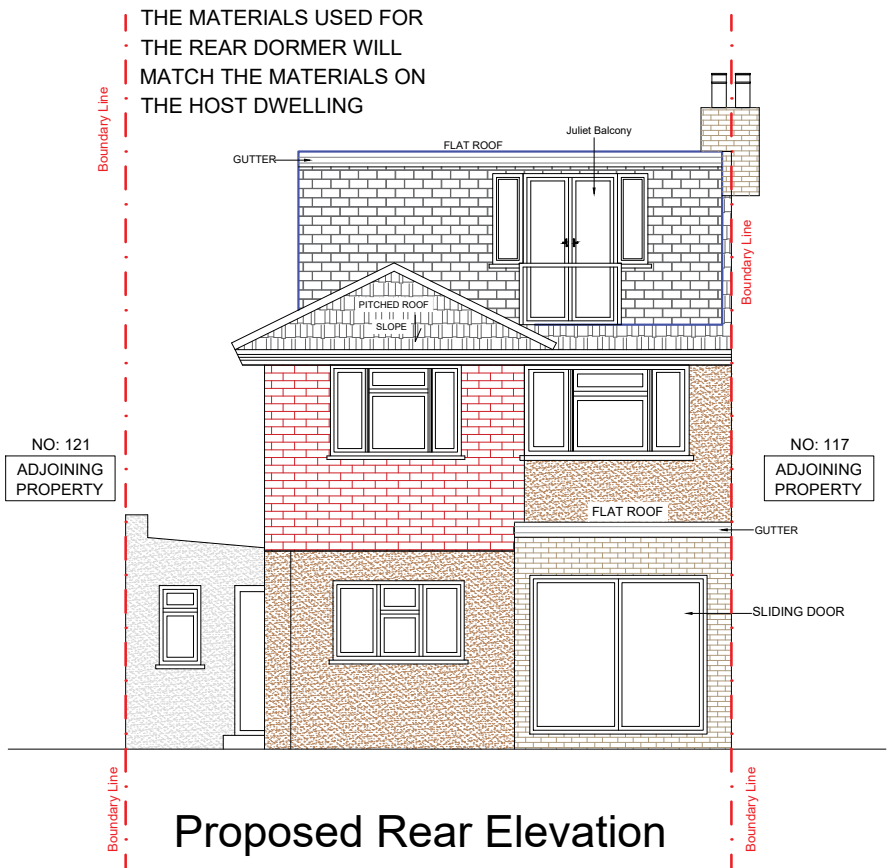
- WALL FOR ATTIC ROOM, EXACT SIZE OF TIMBER TO BE
CONFIRMED BY ENGINEER
- DENOTES SPAN OF FLOOR OVER (TYPE STATED)

6. _____ DENOTES STRUCTURAL STEEL BEAM/TIMBER TRIMMER OVER. ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.
- | | |
|---|--------------------|
|  | STEEL BEAM |
|  | CRANKED STEEL BEAM |
|  | TIMBER TRIMMER |

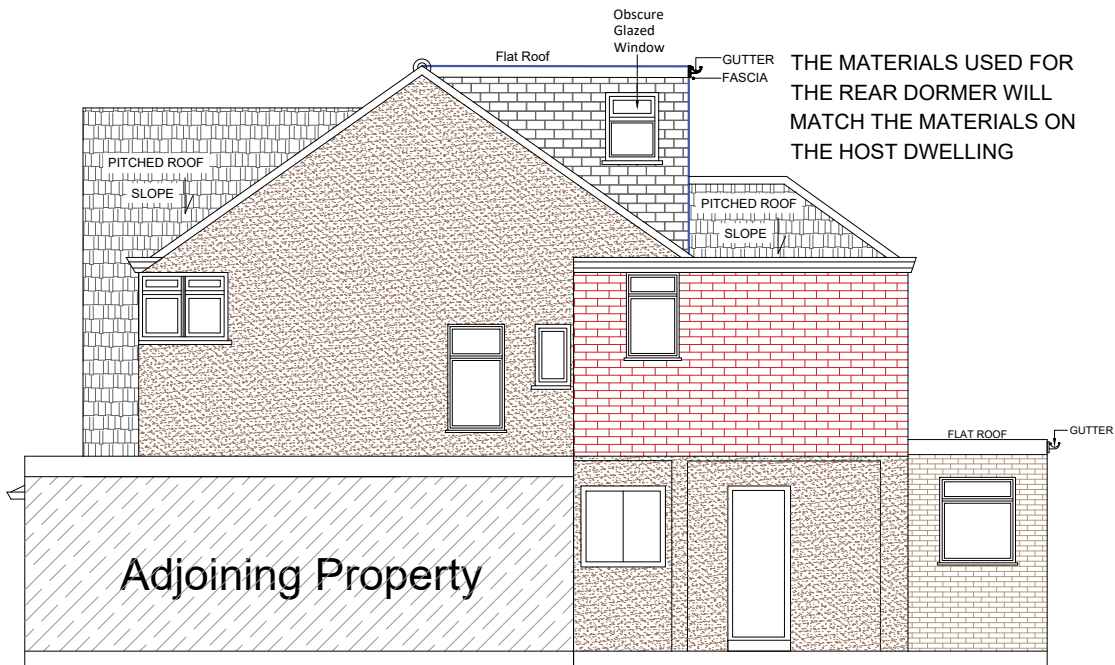
 S&B Engineering Ltd <small>INCORPORATED IN THE UNITED KINGDOM OF GREAT BRITAIN</small>			
Client			
<div style="text-align: center; font-size: 24px; font-weight: bold; margin-top: 50px;"> 119 Woodlands Avenue Eastcote HA4 9RE </div>			
Project Title <div style="text-align: center; font-size: 24px; font-weight: bold;"> LOFT CONVERSION EXISTING ELEVATIONS </div>			
Sheet 5			
	Name	Date	Scale 1:50 / 1:100 @ A1
Drawn		12-07-2023	File No.
Design			N/A
Checked			Drawing Status.
Approved			For Planning Approval
Drawing No.			Revision -



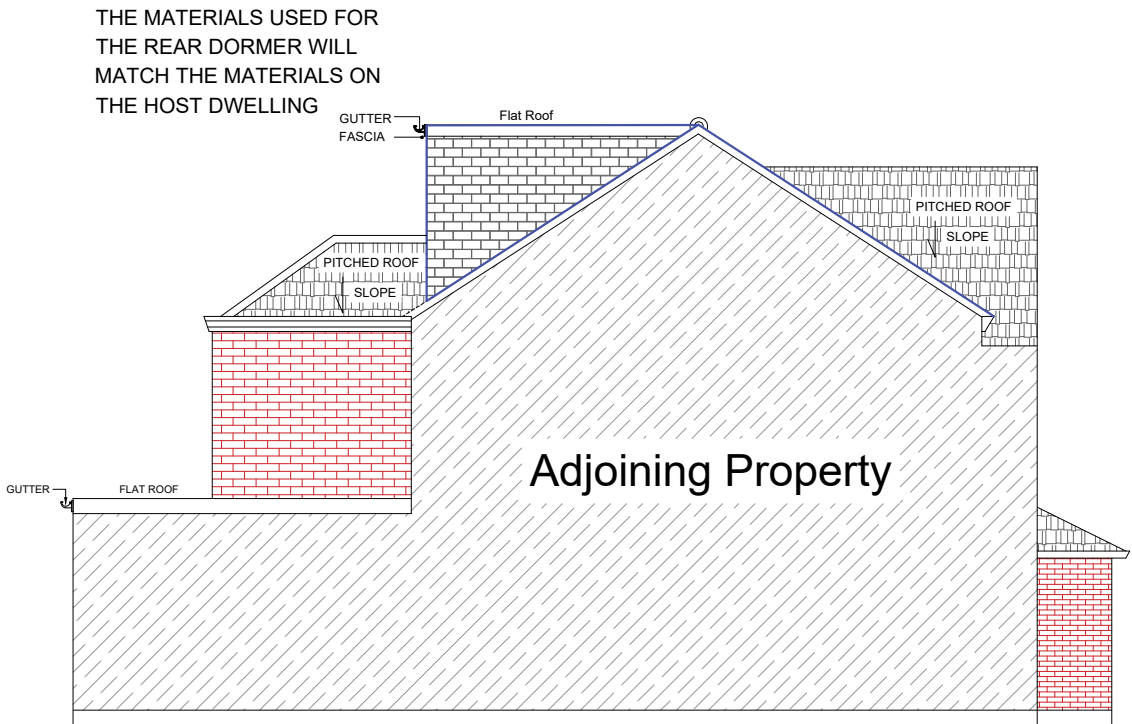
Proposed Front Elevation



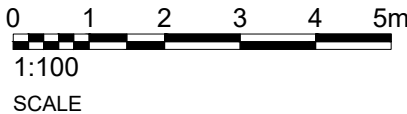
Proposed Rear Elevation



Proposed Right Side Elevation



Proposed Left Side Elevation



GENERAL NOTES


- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL GENERAL ARRANGEMENT DRAWINGS, PROJECT DETAILS AND SPECIFICATIONS.
- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO STRUCTURAL FACES AND/OR PARTITION STUDS.
- ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE FABRICATION OF ANY WORK AND/OR ORDERING ANY MATERIAL.
- STRUCTURAL ENGINEER TO CONFIRM AND PROVIDE DETAILS OF ALL STEEL BEAMS, LINTELS, MOVEMENT JOINTS AND ALL STRUCTURAL INFORMATION.
- ELECTRIC AND M&E WORK TO BE CARRIED OUT BY QUALIFIED AND REGISTERED SPECIALIST.
- ALL DRAINAGE RUNS TO BE ABOVE FLOOR UNLESS STATED OTHERWISE.

4. ABBREVIATIONS USED:-
- | | | | |
|-----|---------------------------|--------------------|-----------------|
| MJ | MOVEMENT JOINT, | HL | AT HIGH LEVEL |
| AAV | AIR ADMITTANCE VALVE, SVP | SOIL AND VENT PIPE | |
| DP | DRAINAGE POINT, | RWP | RAIN WATER PIPE |
| WL | WINDOW REFERENCE | | |
10. KITCHEN LAYOUT TO SPECIALIST'S DESIGN AND DETAILS
11. MECHANICAL VENTILATION ALL EXTRACT DUCTS TO RUN BE WITHIN FLOORS AND ROOF VOID UNLESS OTHERWISE.
- INDICATES EXTRACT LOCATION

5. LEGEND
- | | |
|--|---|
| | NEW FACING BRICKWORK TO MATCH WITH THE EXISTING. |
| | 7.3 N/SQ. MM LOADBEARING AIRCRETE BLOCK (450 - 800 KG/M ³) TO EXTERNAL CAVITY WALL TO CLIENTS SPECIFICATION. BLOCK STRENGTH TO BE CONFIRMED AND DETAILED BY THE STRUCTURAL ENGINEER |
| | NEW NON-LOADBEARING PARTITION, 70MM TIMBER STUDS WITH 12.5MM SOUNDBLOC RAPID BOARD ON EACH SIDE. 12.5MM PLY BOARD TO BE USED TO SUPPORT MAIN WALL IN BEDROOMS AND ALL SIDES OF BATHROOM AND KITCHEN FOR APPLIANCES FIXTURES. PARTITION TO ACHIEVE MINIMUM 40DB SOUND REDUCTION. MR GRADE BOARD TO BE USED IN WET AREAS. (PLEASE CONFIRM FROM CLIENT IF TIMBER STUD TO BE REPLACED WITH GYFRAME 'C' STUDS) |
| | 50MM SOUND QUILT INSULATION TO BE FILLED AS INDICATED ON FLOOR PLANS |

6. DENOTES STRUCTURAL STEEL BEAM/TIMBER TRIMMER OVER. ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.
- | | |
|--|--------------------|
| | STEEL BEAM |
| | CRANKED STEEL BEAM |
| | TIMBER TRIMMER |

7. WALL FOR ATTIC ROOM, EXACT SIZE OF TIMBER TO BE CONFIRMED BY ENGINEER
8. DENOTES SPAN OF FLOOR OVER (TYPE STATED)



SHAKTI CONSULTING LTD
ARCHITECTS & ENGINEERS

Client

Project

119 Woodlands Avenue
Eastcote HA4 9RE

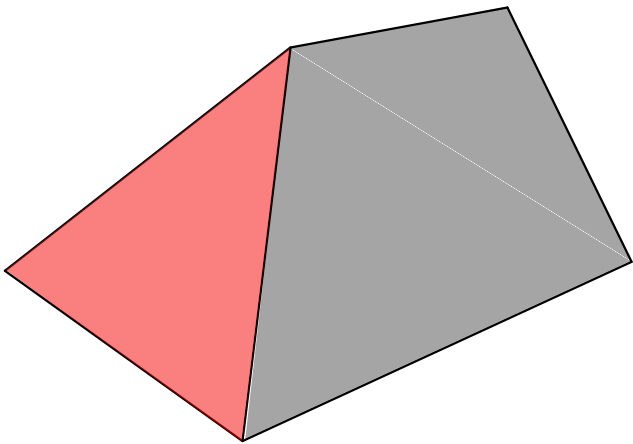
Drawing Title

LOFT CONVERSION
PROPOSED ELEVATIONS

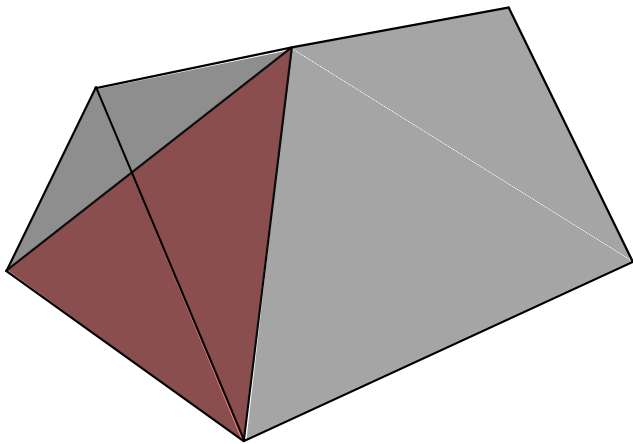
Sheet 6

Name	Date	Scale
Design	12-07-2023	1:50 / 1:100 @ A1
Checked		File No. N/A
Approved		Drawing Status For Planning Approval
Drawing No.		Revision

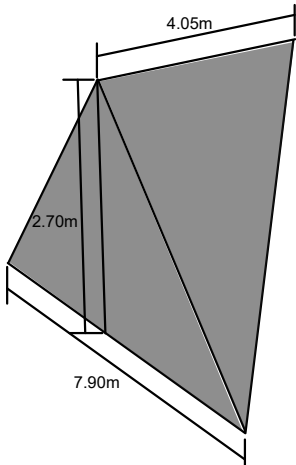
VOLUME CALCULATION :



EXISTING

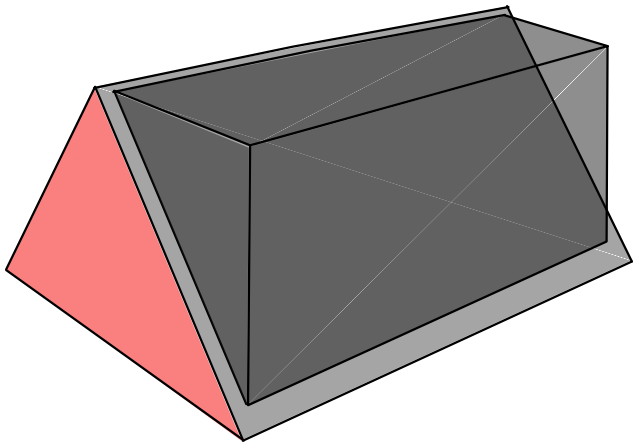


HIP TO GABLE

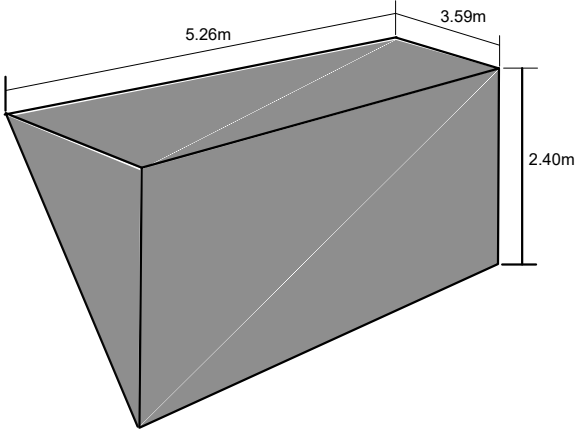


ADDITIONAL VOLUME

HIP TO GABLE
VOLUME CALCULATION:
 $= 0.33 ((7.90 \times 2.70) / 2) \times 4.05$
 $= 3.51 \times 4.05$
 $= 14.21 \text{ m}^3$



BOX DORMER



ADDITIONAL VOLUME

BOX DORMER
VOLUME CALCULATION:
 $= (5.26 \times 3.59 \times 2.40) / 2$
 $= 22.66 \text{ m}^3$

TOTAL VOLUME OF ROOF
EXTENSIONS = 36.87 m³ < 50m³

NTS
SCALE

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL GENERAL ARRANGEMENT DRAWINGS, PROJECT DETAILS AND SPECIFICATIONS.
- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO STRUCTURAL FACES AND/OR PARTITION STUDS.
- ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE FABRICATION OF ANY WORK AND/OR ORDERING ANY MATERIAL.
- STRUCTURAL ENGINEER TO CONFIRM AND PROVIDE DETAILS OF ALL STEEL BEAMS, LINTELS, MOVEMENT JOINTS AND ALL STRUCTURAL INFORMATION.
- ELECTRIC AND M&E WORK TO BE CARRIED OUT BY QUALIFIED AND REGISTERED SPECIALIST.
- ALL DRAINAGE RUNS TO BE ABOVE FLOOR UNLESS STATED OTHERWISE.


4. ABBREVIATIONS USED:-
- | | | | |
|----|---------------------------|--------------------|-----------------|
| MJ | MOVEMENT JOINT, | HL | AT HIGH LEVEL |
| AV | AIR ADMITTANCE VALVE, SVP | SOIL AND VENT PIPE | |
| DP | DRAINAGE POINT, | RWP | RAIN WATER PIPE |
| W1 | WINDOW REFERENCE | | |
10. KITCHEN LAYOUT TO SPECIALIST'S DESIGN AND DETAILS
11. MECHANICAL VENTILATION
ALL EXTRACT DUCTS TO RUN BE WITHIN FLOORS AND ROOF VOID UNLESS STATED OTHERWISE.
- INDICATES EXTRACT LOCATION

5. LEGEND
- NEW FACING BRICKWORK TO MATCH WITH THE EXISTING.
- 7.3 N/SQ. MM LOADBEARING AIRCRETE BLOCK (450 - 800 KG/M³) TO EXTERNAL CAVITY WALL TO CLIENTS SPECIFICATION. BLOCK STRENGTH TO BE CONFIRMED AND DETAILED BY THE STRUCTURAL ENGINEER

- NEW NON-LOADBEARING PARTITION, 70MM TIMBER STUDS WITH 12.5MM SOUNDBLOC RAPID BOARD ON EACH SIDE. 12.5MM PLY BOARD TO BE USED TO SUPPORT MAIN WALL IN BEDROOMS AND ALL SIDES OF BATHROOM AND KITCHEN FOR APPLIANCES FIXTURES. PARTITION TO ACHIEVE MINIMUM 40DB SOUND REDUCTION. MR GRADE BOARD TO BE USED IN WET AREAS. (PLEASE CONFIRM FROM CLIENT IF TIMBER STUD TO BE REPLACED WITH GYPSUMBOARD "G" STUDS)
- 50MM SOUND QUILTY INSULATION TO BE FILLED AS INDICATED ON FLOOR PLANS

- WALL FOR ATTIC ROOM, EXACT SIZE OF TIMBER TO BE CONFIRMED BY ENGINEER
- DENOTES SPAN OF FLOOR OVER (TYPE STATED)

6. ———— DENOTES STRUCTURAL STEEL BEAM/TIMBER TRIMMER OVER. ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.
- | | |
|-----|--------------------|
| SB | STEEL BEAM |
| CSB | CRANKED STEEL BEAM |
| TR | TIMBER TRIMMER |



Client

Project

119 Woodlands Avenue
Eastcote HA4 9RE

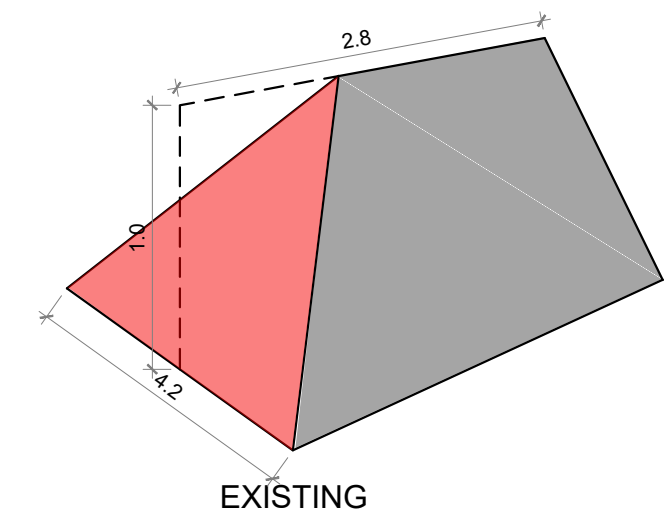
Drawing Title

LOFT CONVERSION
VOLUME

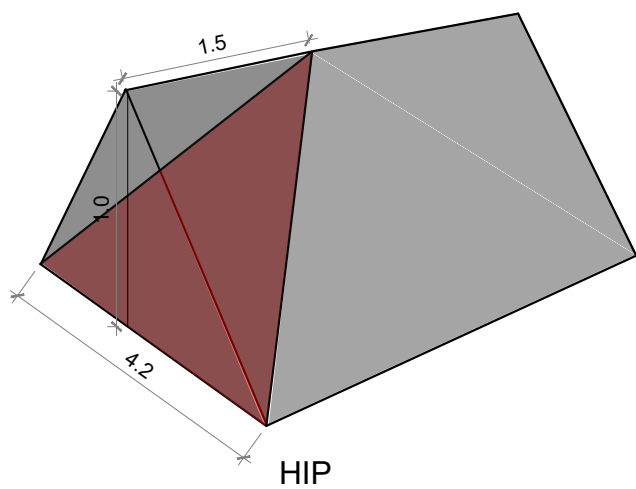
Sheet 7

Name	Date	Scale	NTS
Drawn	12-07-2023	File No.	N/A
Design		Drawing Status.	For Planning Approval
Checked			
Approved			
Drawing No.		Revision	-

VOLUME CALCULATION :



TOTAL VOLUME OF ROOF
= Total - HIP
= 5.9 - 1.04
= 4.86 m3



HIP
VOLUME CALCULATION:
= 0.33 ((4.2 x 1.0) / 2) x 1.5
= 0.69 x 1.5
= 1.04 m3

PITCH ROOF
VOLUME CALCULATION:
= $\frac{1}{2} \times 4.2 \times 1.0 = 2.1$
= 2.8 x 2.1
= 5.9 m3

NTS
SCALE

GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL GENERAL ARRANGEMENT DRAWINGS, PROJECT DETAILS AND SPECIFICATIONS.
- UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO STRUCTURAL FACES AND/OR PARTITION STUDS.
- ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE FABRICATION OF ANY WORK AND/OR ORDERING ANY MATERIAL.
- STRUCTURAL ENGINEER TO CONFIRM AND PROVIDE DETAILS OF ALL STEEL BEAMS, LINTELS, MOVEMENT JOINTS AND ALL STRUCTURAL INFORMATION.
- ELECTRIC AND M&E WORK TO BE CARRIED OUT BY QUALIFIED AND REGISTERED SPECIALIST.
- ALL DRAINAGE RUNS TO BE ABOVE FLOOR UNLESS STATED OTHERWISE.

4. ABBREVIATIONS USED:-
- | | | | |
|-----|---------------------------|--------------------|-----------------|
| MJ | MOVEMENT JOINT, | HL | AT HIGH LEVEL |
| AAV | AIR ADMITTANCE VALVE, SVP | SOIL AND VENT PIPE | |
| DP | DRAINAGE POINT, | RWP | RAIN WATER PIPE |
| WL | WINDOW REFERENCE | | |
10. KITCHEN LAYOUT TO SPECIALIST'S DESIGN AND DETAILS
11. MECHANICAL VENTILATION
ALL EXTRACT DUCTS TO RUN BE WITHIN FLOORS AND ROOF VOID UNLESS STATED OTHERWISE.
- INDICATES EXTRACT LOCATION

5. LEGEND
- | | |
|--|---|
| | NEW FACING BRICKWORK TO MATCH WITH THE EXISTING. |
| | 7.3 N/SQ. MM LOADBEARING AIRCRETE BLOCK (450 - 800 KG/M ³) TO EXTERNAL CAVITY WALL TO CLIENTS SPECIFICATION. BLOCK STRENGTH TO BE CONFIRMED AND DETAILED BY THE STRUCTURAL ENGINEER |

- | | |
|--|--|
| | NEW NON-LOADBEARING PARTITION, 70MM TIMBER STUDS WITH 12.5MM SOUNDBLOC RAPID BOARD ON EACH SIDE. 12.5MM PLY BOARD TO BE USED TO SUPPORT MAIN WALL IN BEDROOMS AND ALL SIDES OF BATHROOM AND KITCHEN FOR APPLIANCES FIXTURES. PARTITION TO ACHIEVE MINIMUM 40DB SOUND REDUCTION. MR GRADE BOARD TO BE USED IN WET AREAS. (PLEASE CONFIRM FROM CLIENT IF TIMBER STUD TO BE REPLACED WITH GYFFRAME 'C' STUDS) |
| | 50MM SOUND QUILT INSULATION TO BE FILLED AS INDICATED ON FLOOR PLANS |

- | | |
|--|---|
| | WALL FOR ATTIC ROOM, EXACT SIZE OF TIMBER TO BE CONFIRMED BY ENGINEER |
| | DENOTES SPAN OF FLOOR OVER (TYPE STATED) |

6. DENOTES STRUCTURAL STEEL BEAM/TIMBER TRIMMER OVER. ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.
- | | |
|--|--------------------|
| | STEEL BEAM |
| | CRANKED STEEL BEAM |
| | TIMBER TRIMMER |

Client			
Project			
119 Woodlands Avenue Eastcote HA4 9RE			
Drawing Title			
LOFT CONVERSION VOLUME			
Sheet 8			
Drawn	Name	Date	Scale
Design		12-07-2023	NTS
Checked			File No.
Approved			N/A
Drawing No.			Drawing Status
			For Planning Approval
			Revision
			-