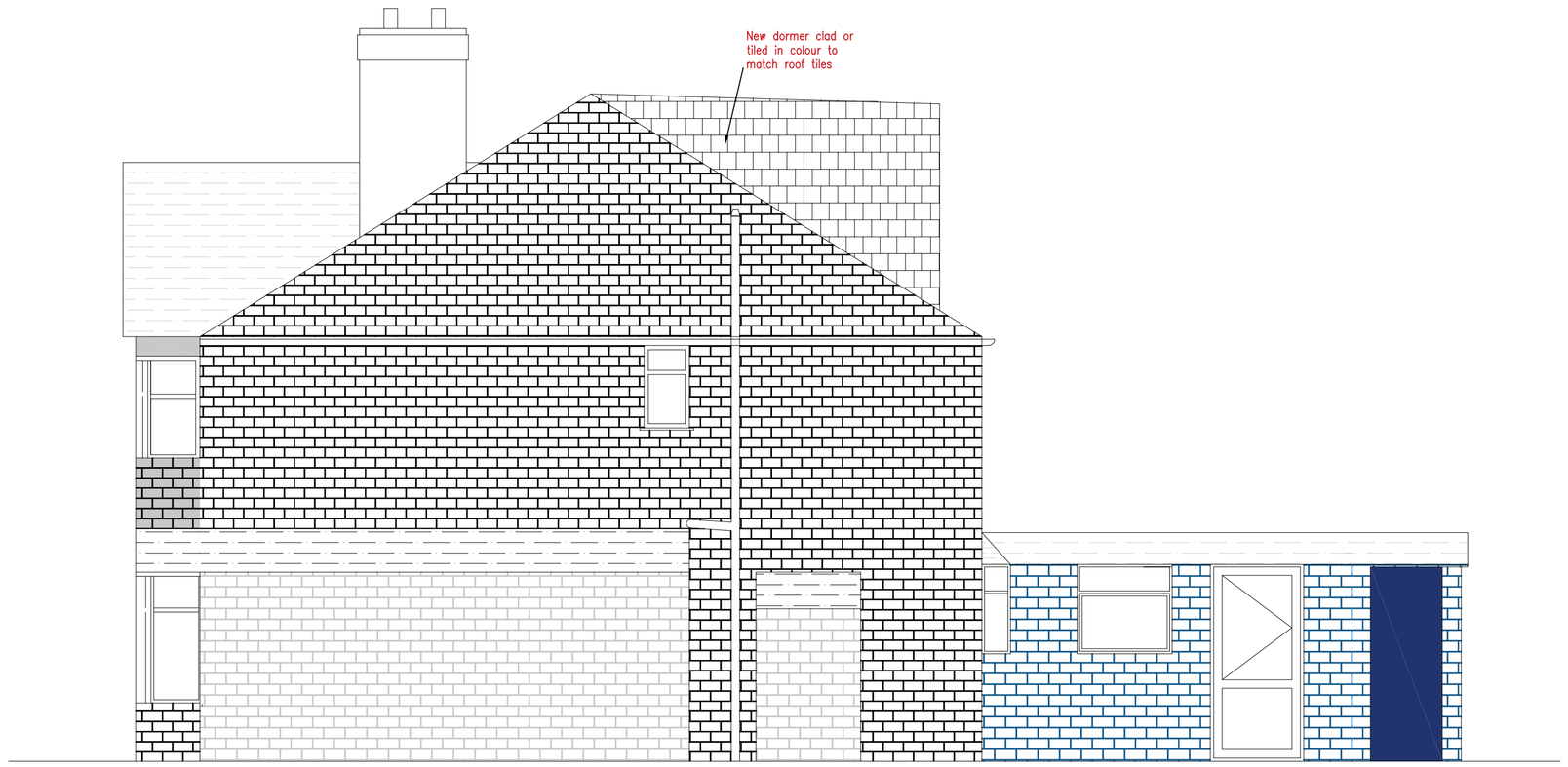
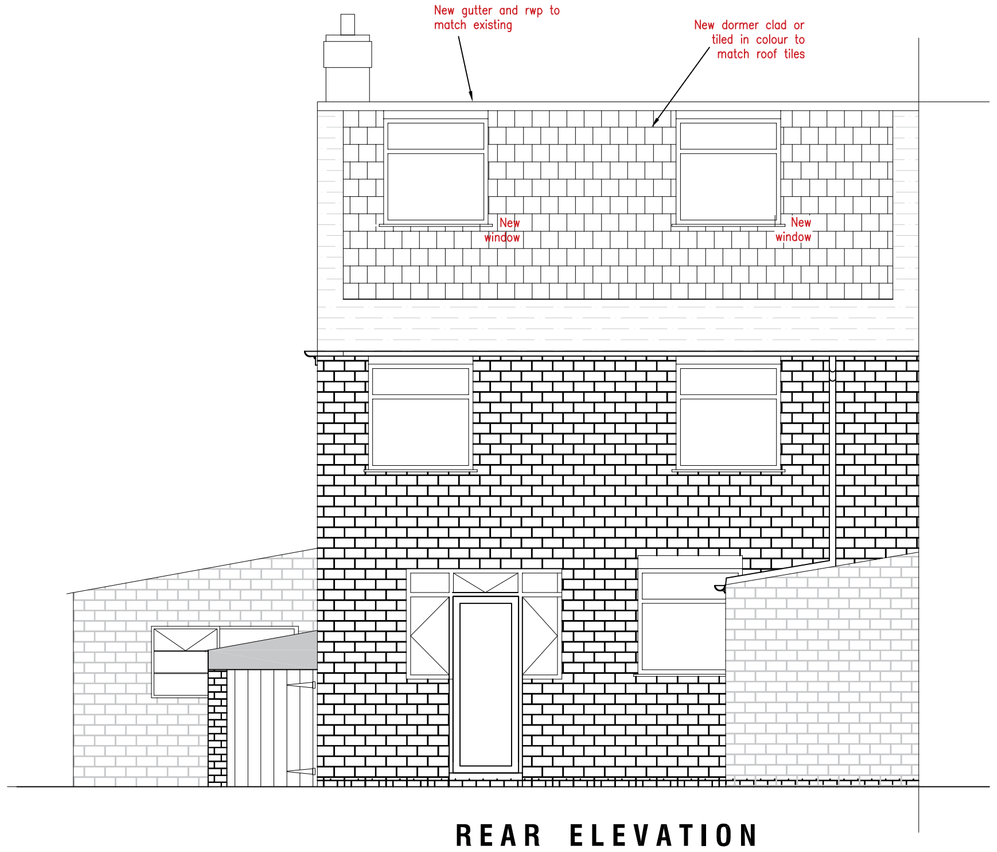
DO NOT SCALE



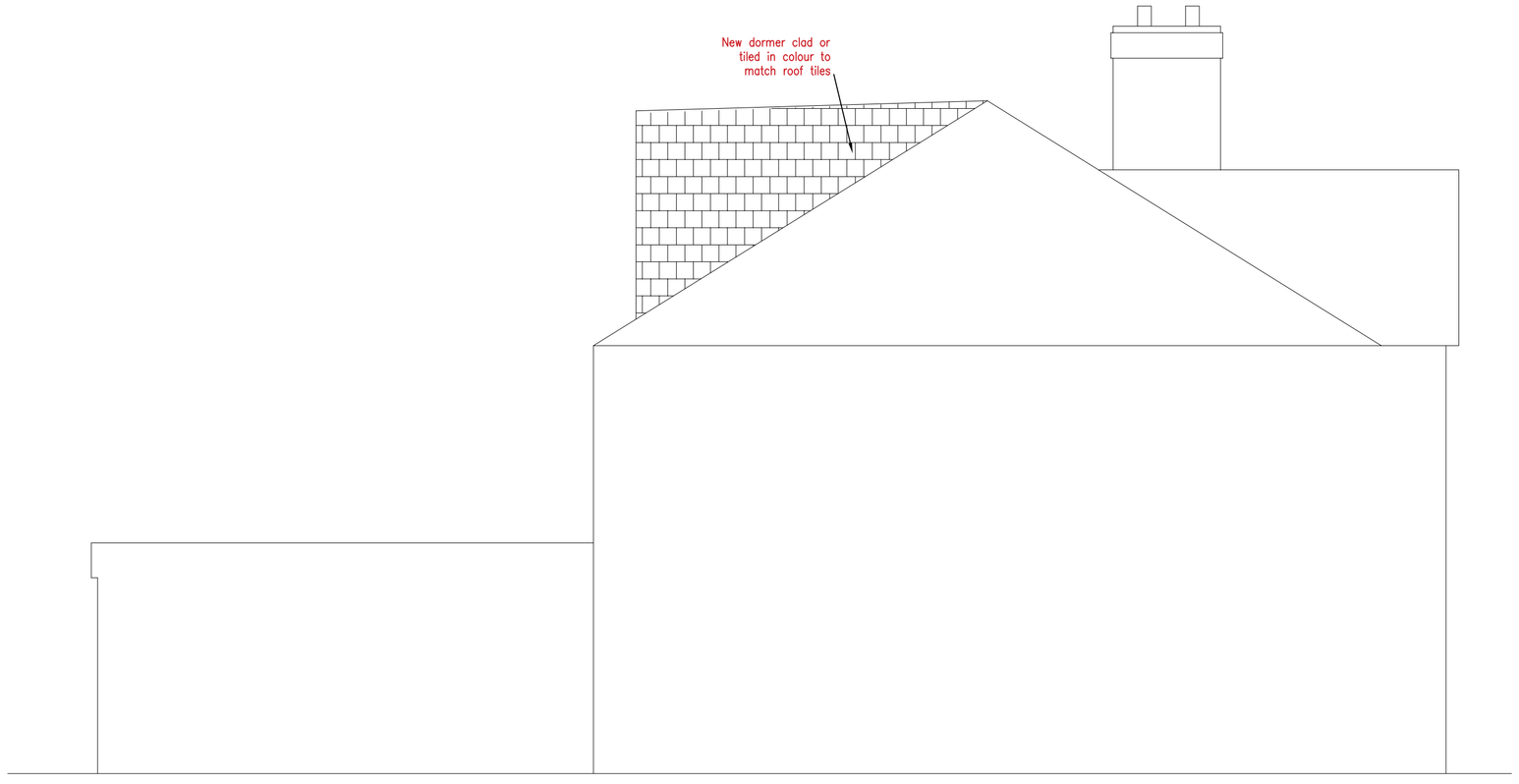
FRONT ELEVATION
AS PROPOSED



SIDE ELEVATION
AS PROPOSED



REAR ELEVATION
AS PROPOSED



SIDE ELEVATION FROM
ADJOINING HOUSE AS PROPOSED

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONNECTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE FROM THIS DRAWING. ALL SETTING OUT DIMENSIONS ARE TO BE CHECKED AND VERIFIED ON SITE PRIOR TO COMMENCEMENT OF ANY BUILDING WORKS & FABRICATION OF MATERIALS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER.
3. ALL WORKMANSHIP AND MATERIALS ARE TO COMPLY WITH THE CURRENT BUILDING REGULATIONS, BRITISH STANDARDS AND CODES OF PRACTICE. ALL MATERIALS SHALL BE FIXED OR APPLIED IN ACCORDANCE WITH THE MANUFACTURES RECOMMENDATIONS. THE CONTRACTOR IS TO TAKE INTO ACCOUNT EVERYTHING DEEMED NECESSARY FOR THE PROPER EXECUTION OF THE WORKS WHETHER INDICATED ON THE DRAWINGS OR NOT TO THE COMPLETE SATISFACTION OF THE LOCAL AUTHORITY
4. FOR FINAL SETTING OUT INFORMATION RELATING TO WALL POSITIONS TO BE SITE MEASURED.

STEELWORK NOTES

1. ALL STEELWORK FABRICATORS GENERAL ARRANGEMENT AND SECTIONAL DRAWINGS AND DETAILS ARE TO BE FORWARDED TO THE ENGINEER AND ARCHITECT FOR COMMENTS PRIOR TO COMMENCEMENT OF FABRICATION.
2. THE STEELWORK SHALL BE FABRICATED, DELIVERED AND ERECTED STRICTLY IN ACCORDANCE WITH THE B.C.S.A. / S.C.I. 'NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BUILDING CONSTRUCTION: 5TH ED. CE MARKING VERSION' (PUBLICATION NO. 52/10).
3. ALL STEELWORK SHALL BE FABRICATED AND ERECTED BY A SPECIALIST STEELWORK CONTRACTOR WITH SUITABLE EXPERIENCE AND COMPETENCE. CONFIRMING TO CE EXECUTION CLASS 2 AS A MINIMUM.
4. ALL HOT ROLLED STRUCTURAL STEELWORK SHALL BE GRADE S355 TO BS EN 10 025 : 1993 U.N.O.
5. ALL BOLTS SHALL BE SPUN GALVANISED GRADED 8.8 IN ACCORDANCE WITH BS 3692 UNLESS NOTED OTHERWISE.
6. MATERIALS AND WORKMANSHIP FOR ALL WELDING IS TO BE IN ACCORDANCE WITH THE RELEVANT SECTIONS OF B.C.S.A. / S.C.I. 'NATIONAL STRUCTURAL STEELWORK SPECIFICATION FOR BUILDING CONSTRUCTION: 5th ED. CE MARKING VERSION' (PUBLICATION NO. 52/10).
7. ALL CONNECTIONS SHALL BE DESIGNED FOR THE MOMENTS AND SHEAR FORCES INDICATED ON THIS DRAWING. ALL BOLTED CONNECTIONS TO HAVE A MINIMUM OF 4 No. M16 GRADE 8.8 BOLTS (EACH END) U.N.O.
8. WHERE STEELWORK IS SEATED ON PADSTONES THEY SHALL BE OF GRADE C50 CONCRETE AND UNREINFORCED UNLESS NOTED OTHERWISE. ALL STEEL BEAMS SHALL BE FIXED ONTO THE PADSTONES WITH 2 No.16mm DIA. ANCHOR BOLTS. (1 No, EACH END).

CDM REGULATIONS 2015

IN LINE WITH THE ABOVE REGULATIONS WE ARE OBLIGED TO INFORM THE CONTRACTORS OF THE RISKS THAT MAY BE ENCOUNTERED IN THE CONSTRUCTION OF THESE WORKS. ALL DESIGN WORK HAS BEEN CARRIED OUT WITH HEALTH & SAFETY ASPECTS GIVEN FULL CONSIDERATION. WHEREVER POSSIBLE RISKS HAVE BEEN ELIMINATED FROM THE DESIGN, HOWEVER DUE TO THE VERY NATURE OF THIS TYPE OF WORK IT IS NOT POSSIBLE TO REMOVE ALL RISKS FROM THE DESIGN. WE WOULD ALSO RESPECTFULLY REMIND THE CONTRACTOR OF HIS OBLIGATIONS TO TAKE ALL REASONABLE STEPS ENSURING THAT ONLY COMPETENT WORKERS WHO HAVE A VALID SAFETY POLICY ARE EMPLOYED.
THEY SHOULD ALSO PROVIDE SATISFACTORY RESPONSES AT TENDER STAGE AS TO THE MANNER IN WHICH THEY DEAL WITH THE ELEMENTS OF RISK INVOLVED IN THIS TYPE OF WORK AND IN PARTICULAR THOSE HIGHLIGHTED BY DARWEN STRUCTURAL ENGINEERING LTD BELOW:-

1. SUPPORT/ TREATMENT FOR ALL EXCAVATION WORK.
2. GUARDING TO EDGES OF EXCAVATIONS TO PREVENT PEOPLE, MATERIALS AND VEHICLES FALLING INTO EXCAVATIONS.
3. GUARDING OF EXCAVATIONS OUTSIDE WORKING HOURS TO PREVENT UNAUTHORISED ACCESS.
4. UNDERMINING TO ADJACENT ROADS OR STRUCTURES.
5. CONFINED SPACE OPERATIONS.
6. DEALING WITH EXISTING SERVICES.
7. TRAFFIC MANAGEMENT ON EXISTING HIGHWAYS.
8. PROCEDURE TO BE FOLLOWED IN EVENT OF AN ACCIDENT OR EMERGENCY.
9. METHOD OF WORKING WHERE CONTAMINATED GROUND IS PRESENT ON SITE.
10. CONFIRMATION WILL BE REQUIRED THAT ALL OPERATIVES ARE ADEQUATELY TRAINED. AND COPIES OF RELEVANT CERTIFICATES TO BE SUPPLIED.
11. THE CONTRACTOR IS RESPONSIBLE FOR THE OVERALL STABILITY OF THE STRUCTURE FROM THE COMMENCEMENT OF WORKS INCLUDING THE DESIGN AND PROVISIONOF ALL NECESSARY TEMPORARY WORKS

THE ABOVE LIST IS BY NO MEANS EXHAUSTIVE BUT IT DOES HIGHLIGHT OPERATIONS THAT PRESENT A RISK TO CONTRACTORS AND THE GENERAL PUBLIC.

NOTE: CONTRACTOR MUST ALLOW FOR ALL NECESSARY TEMPORARY PROPPING & NEEDLES TO EXISTING WALL CONSTRUCTION PRIOR TO REMOVING EXISTING MASONRY & INSTALLMENT OF NEW BEAM AND STANCHIONS.

WHERE THERE ARE ALTERATIONS TO LOAD BEARING MASONRY, THE FOUNDATIONS ARE TO BE CHECKED AND APPROVED PRIOR TO THE INSTALLATION OF STEELWORK UNLESS SPECIFICALLY INSTRUCTED BY THE ENGINEER IN WRITING.

EXISTING FLOOR SPAN DIRECTION HAS NOT BEEN CONFIRMED. DISCREPANCIES BETWEEN FLOOR SPANS AS SHOWN ON THIS DRAWING AND ON SITE ARE TO BE REPORTED TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORKS.

NOTE: CONTRACTOR MUST ALLOW FOR ALL NECESSARY TEMPORARY PROPPING & NEEDLES TO EXISTING WALL CONSTRUCTION PRIOR TO REMOVING EXISTING MASONRY & INSTALLMENT OF NEW BEAM AND STANCHIONS.

WHERE THERE ARE ALTERATIONS TO LOAD BEARING MASONRY, THE FOUNDATIONS ARE TO BE CHECKED AND APPROVED PRIOR TO THE INSTALLATION OF STEELWORK UNLESS SPECIFICALLY INSTRUCTED BY THE ENGINEER IN WRITING.

1:50 SCALE

0m 1m 2m 3m 5m

REV	DATE	REVISION DETAILS	DRAWN	CHKD	APPRD
D	07.08.26	UPDATED TO SUIT PLANNER'S COMMENTS	A LOH	AL	AL
C	06.08.26	UPDATED TO SUIT PLANNER'S COMMENTS	A LOH	AL	AL
B	10.07.26	REAR ELEVATION UPDATED	A LOH	AL	AL
A	08.06.26	FOR APPROVAL	A LOH	AL	AL
P	07.06.26	FIRST ISSUE	A LOH	AL	AL

PROJECT

52 CRUMPSALL LANE M8 5SG
PROPOSED LOFT EXTENSION.

DETAIL

PROPOSED FRONT ELEVATION, PROPOSED SIDE ELEVATION
PROPOSED REAR ELEVATION, &
PROPOSED ADJOINNG SIDE ELEVATION.

ARCHITECT

SCALE	DRAWN	CHECKED	DATE	JOB No.	DRG. No.	REV.
1:50 A1	A LOH	AL	JUNE 2026	226FA-135	04	D

ALVIN LOH CONSULTING ENGINEERS LTD.
Consulting Engineers
16 DERBY STREET,
MANCHESTER M8 8RW Tel. 07713647885 E-Mail : alvinloh@btinternet.com