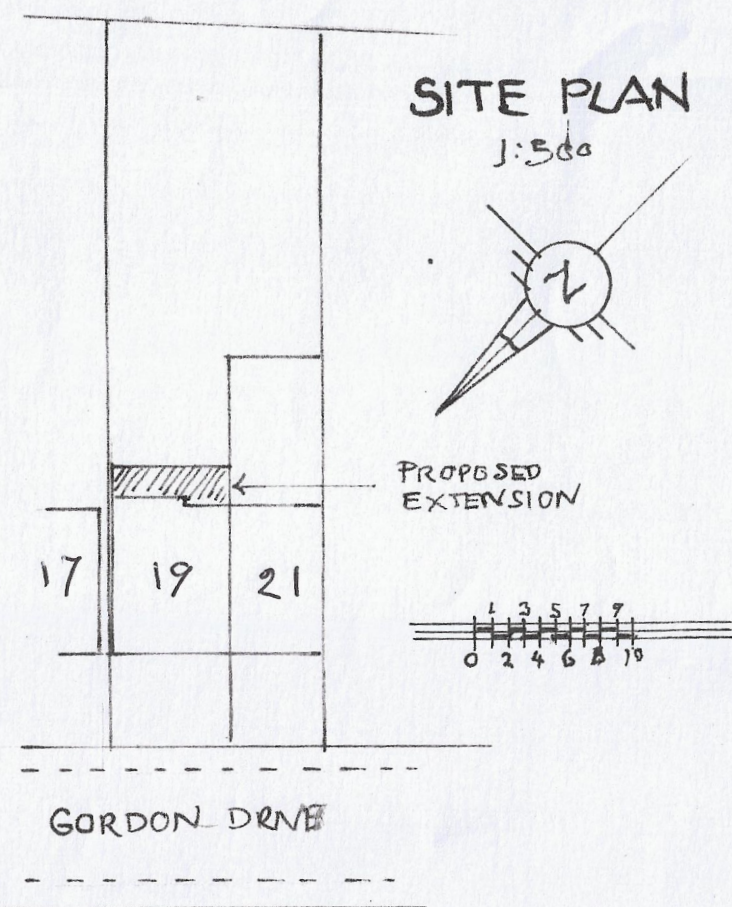




STEEL CHECKS

① 203 x 102 mm UB SPAN 2600

LOADS ROOF 1 1.2 x 2.6 x 2.0 6.24
ROOF 2 2.0 x 2.6 x 2.0 10.4
W 16.64 kN

BM WL/8 = 5.4 kNm
2nd M/plc = 33.0 m³ /
Sp 1/360 = 7.2 mm
Sa 5w/3 = 3.81 = 0.9 mm /
384EI EI

② 254 x 146 mm 4316/m UB SPAN 6000

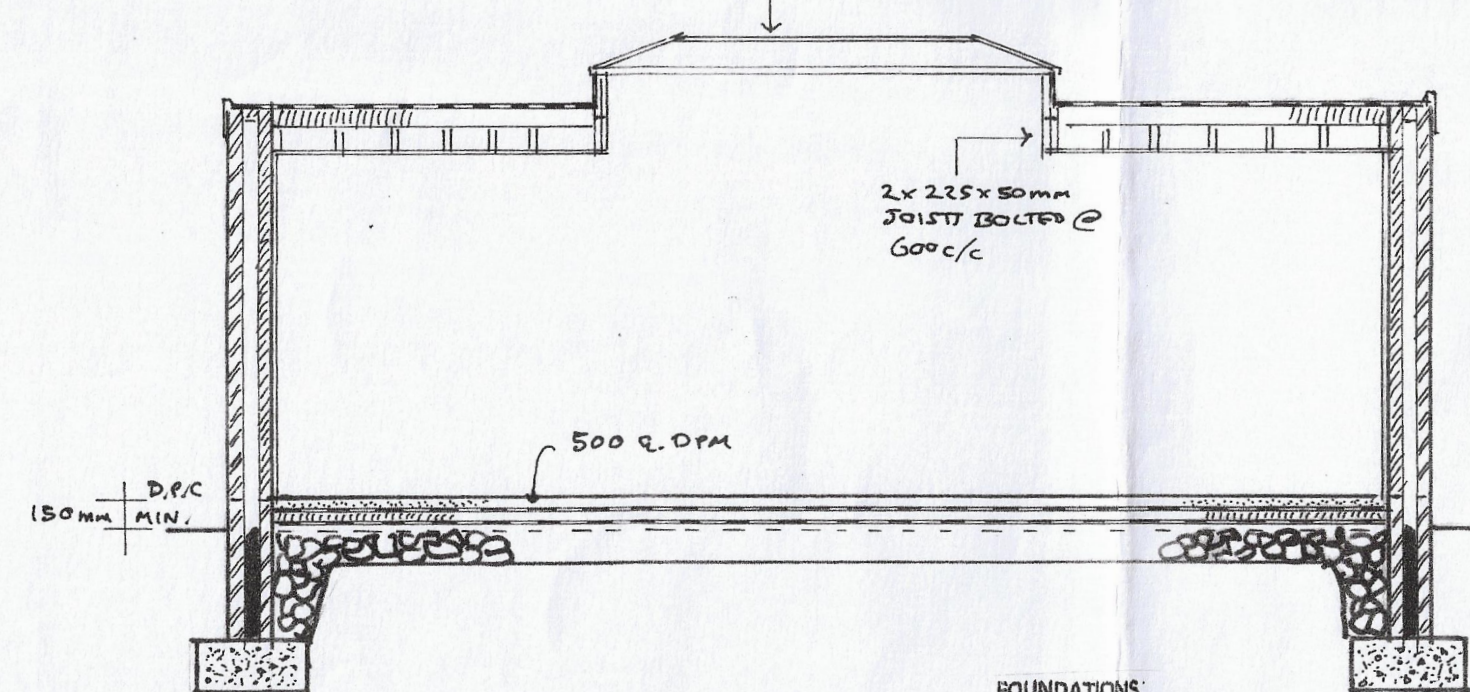
LOADS BULK 0.45 x 6.0 x 4.5 12.15
Roof 2.0 x 6.0 x 2.0 24.00
W 36.15 kN

BM WL/8 = 27.11 kNm
2nd M/plc = 164.0 m³ /
Sp 1/360 = 16.6 mm
Sa 5w/3 = 101.67 = 7.4 mm /
384EI EI

N.T.S.

254 x 146 mm
4316/m UB
WITH 10 mm
STEEL PLATE
WELDED TO U/SIDE
SEATED ON P.C.C.
PADSTONES.

SECTION 1:50



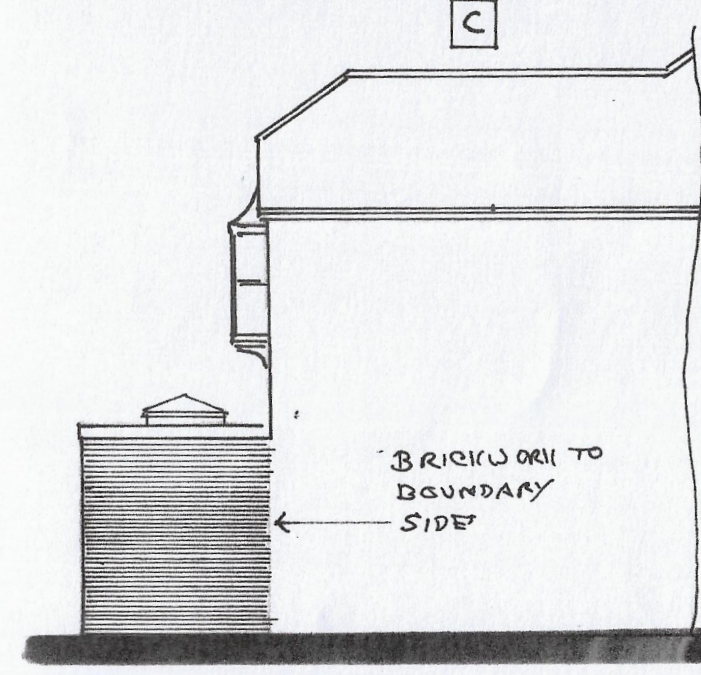
GROUND FLOOR

100MM CONCRETE SLAB WITH SELF-LEVELLING SCREED AND FINISH TO CLIENT'S CHOICE ON 1200 G VISQUEEN DPM ON 50MM SAND BLINDING OVER 150MM WELL CONSOLIDATED BRICK HARDWARE INSULATION BOARD TO BE TURNED UP AT EDGE OF SLAB. D.P.C. AND D.P.M. TO BE LAPPED AND BONDED.

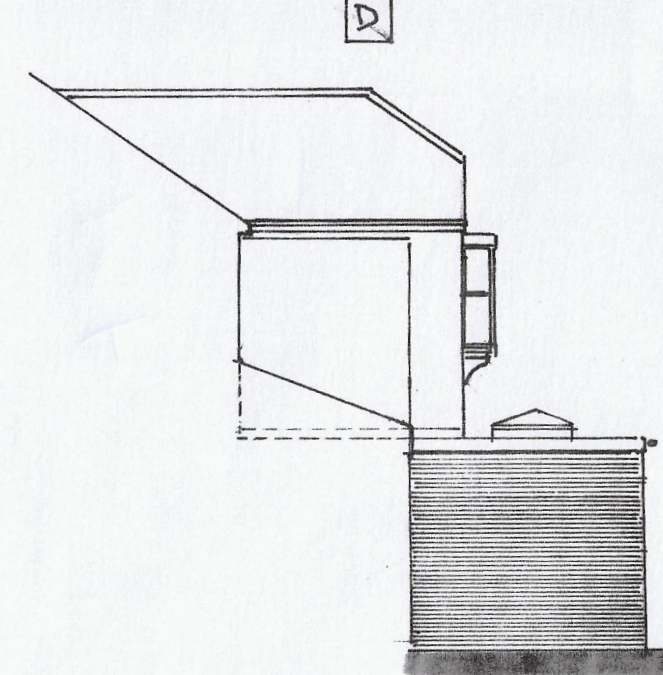
FOUNDATIONS

TWO LEAVES BRICKWORK BELOW D.P.C. LEVEL WITH CONCRETE CAVITY FILL UP TO 225MM BELOW D.P.C. LEVEL STRIP CONCRETE FOOTINGS MINIMUM 600MM X 200MM THICK AT LEAST 1000MM DEEP BEARING ON FIRM CLAY SUBSTRATA, OVERALL SIZE AND DEPTH TO SUIT GROUND CONDITIONS IN AGREEMENT WITH THE B.C.O./A.I.

SIDE ELEVATION 1:100



SIDE ELEVATION 1:100



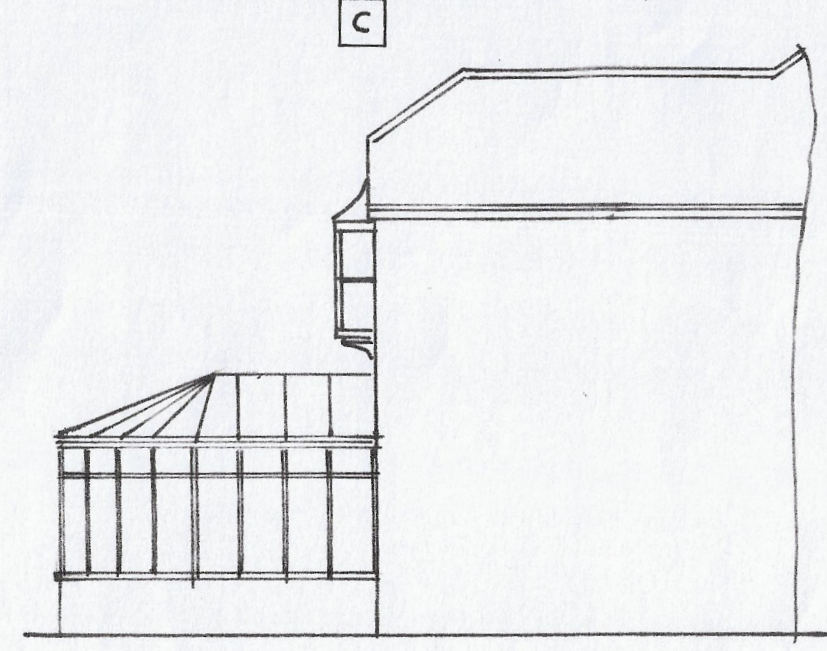
PROPOSED

REAR ELEVATION 1:100

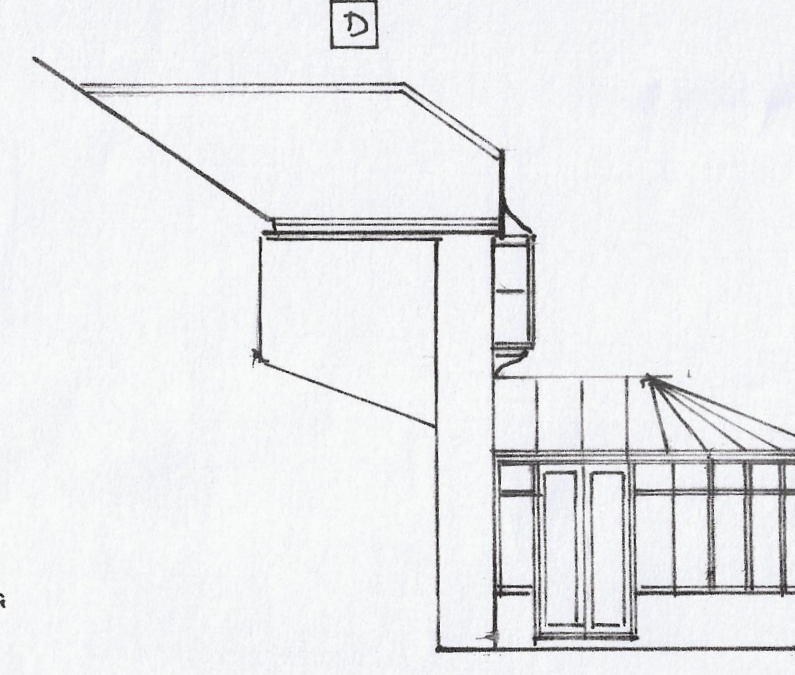


31 FOLD DOORS TO CLIENT'S CHOICE

SIDE ELEVATION 1:100



SIDE ELEVATION 1:100

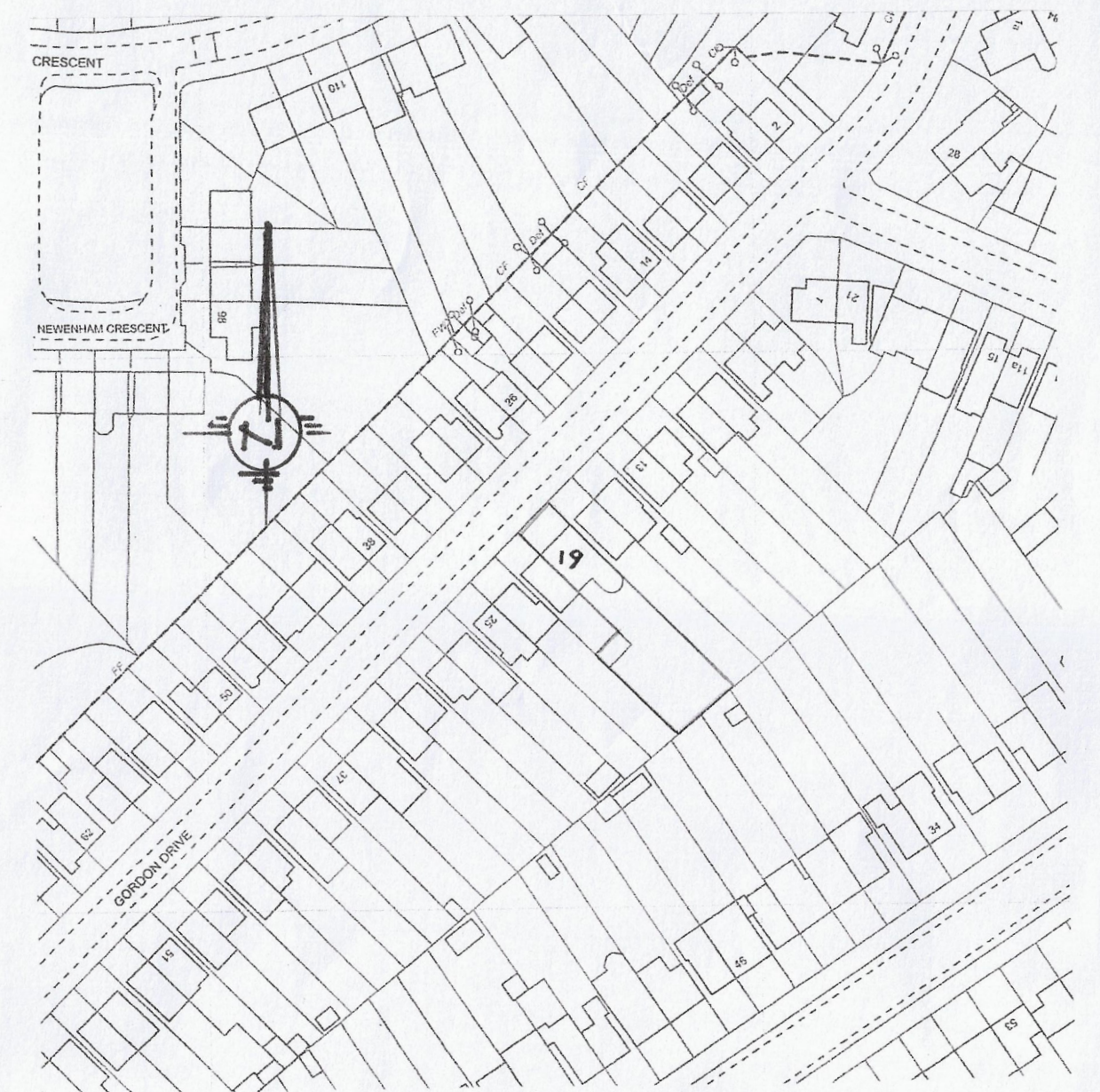


EXISTING

REAR ELEVATION 1:100



LOCATION PLAN 1:1250



DRAINAGE

ALL NEW DRAINS TO BE LAID USING 100MM DIAMETER HEPSELEVE OR U.P.V.C. PIPES AT 1:40 MINIMUM SELF-CLEANSING GRADIENT. DRAINS UNDER BUILDING AND WITHIN 3M OF FOUNDATIONS TO BE ENCASED IN CONCRETE SURROUND, DRAINS PASSING THROUGH FOUNDATIONS TO BE BRIDGED OVER WITH P.C.C. LINTOLS AND ROCKER PIPE USED EITHER SIDE OF WALL.

GENERAL NOTES

ALL DIMENSIONS INCLUDING ROOF PITCHES TO BE CHECKED BY CONTRACTOR BEFORE WORK COMMENCES. ALL WORK TO COMPLY WITH CURRENT BUILDING REGULATIONS AND CARRIED OUT TO THE COMPLETE SATISFACTION OF THE DISTRICT B.C.O. ALL TIMBER TO BE TREATED WITH PRESERVATIVE. ALL NEW STEELWORK TO BE ENCASED IN 12M GYPSUM 'FIRELINE' BOARD FOR 30 MINUTES FIRE PROTECTION. ALL GALV. LINTOLS TO BE INSULATED AND ENCASED WITH 12MM PLASTERBOARD AND SKIMFOR 30 MINUTES FIRE PROTECTION. ALL ELECTRICAL WORK TO BE UNDERTAKEN BY NICEIC APPROVED CONTRACTOR WITH AN INSTALLATION CERTIFICATE TO BE PROVIDED ON COMPLETION. ALL NEW RADIATORS TO BE FITTED WITH THERMOSTATIC VALVES AND C.H. BOILERS TO BE REPLACED IF NECESSARY WITH CONDENSING TYPE BOILERS AND INSTALLED BY A CORGI REGISTERED CONTRACTOR. TOUGHENED OR LAMINATED SAFETY GLASS TO BE USED IN ALL CRITICAL LOCATIONS.

CLIENT

MR. S. THOMPSON

SCHEME

SINGLE STOREY
EXTENSION AT REAR

ADDRESS

19 GORDON DRIVE
HUYTON
L14 7PU

DRAWING TITLE

NUMBER

REVISION

DATE

MARCH
2023

SCALES

1:50
1:100

