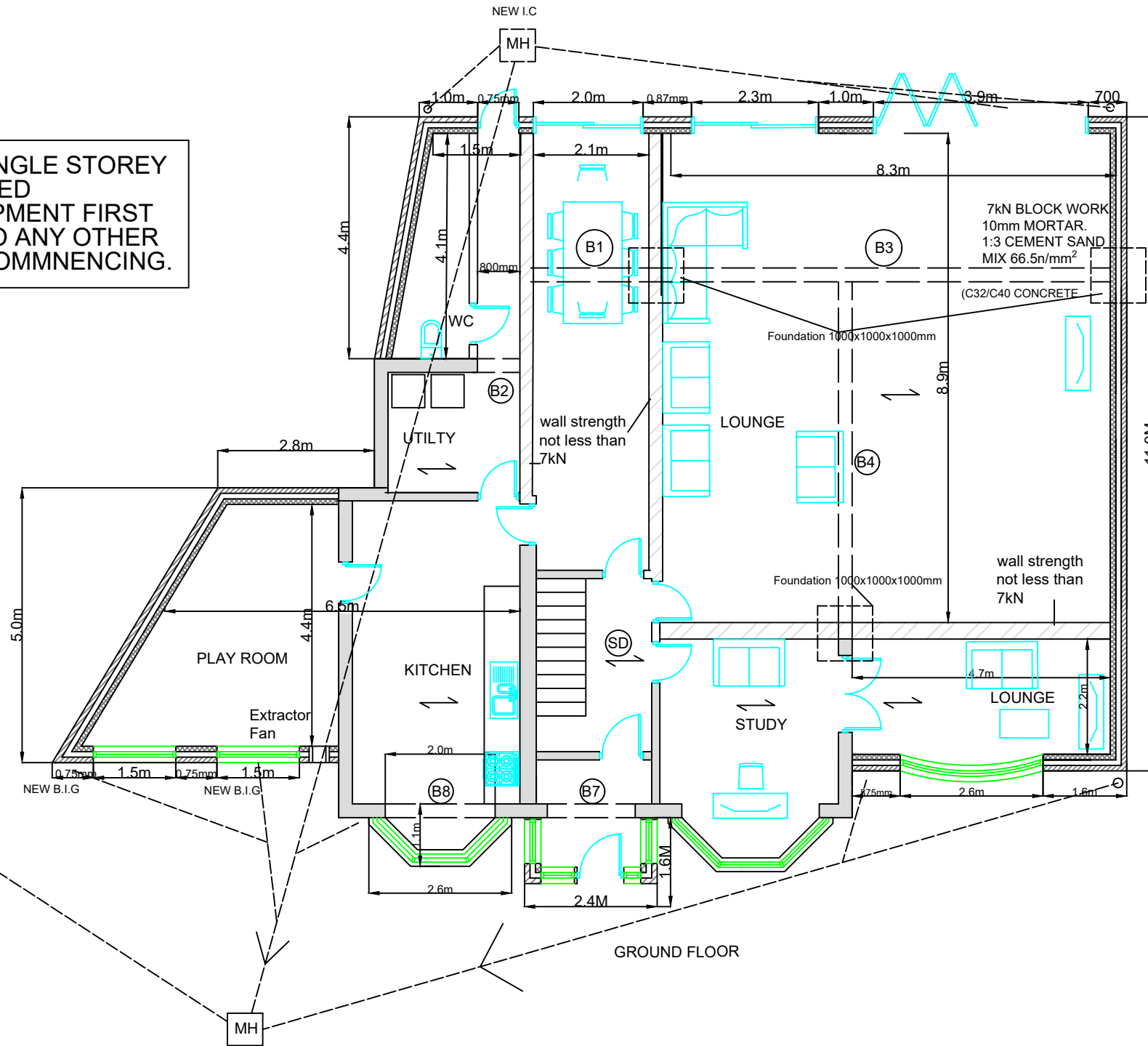


NOTES:	
BEAMS:	PADSTONE:
B1-127x76x13 UB S275	R1- 440x140x225mm
B2-127x76x13 UB S275	R1- 440x140x225mm
B3- 2No 254x254x89 S275	R1- 440x140x225mm
B4- 203x203x71 UC S275	R1- 440x140x225mm
B5 - 203x203x46 UC S275	R1 - 225x225x150mm
B6 - 178x102x19 UB S275	R1 - 150x100x150mm
B7 - 2no178x102x19 UB S275	R1 - 225x225x150mm
B8 - 178x102x19 UB S275	R1 - 150x100x150mm
Tack Weld 300mm wide by 10mm thick steel plate to top of steel supporting cavity above	
B2 - Both beams to be welded/bolted (M12 bolts) together with a plate 500mmx100mm (25mmx25mmx10mm gap between them)	

BUILD SINGLE STOREY PERMITTED DEVELOPMENT FIRST PRIOR TO ANY OTHER WORK COMMENCING.



- NOTES:**
1. Mains wired interlinked smoke and heat detection system with battery pack to be installed to BS5839 part 6 LD3.
 2. ½ hour fire protection around steel work.
 3. Existing drain line to remain and new connection made if necessary.
 4. Lay 100mm mineral wool between joists supported by galvanized steel chicken mesh.
 5. Provide 18mm T+G floor board or other floor quality brand.
 6. Lay 100mm miners wool between joists, Provide timber struts @ 1/3 + 2/3 span.
 7. Undercut WC door on ground floor by 100mm for fresh air.
 8. Doors / windows to have Reinforced Concrete or Heavy Duty Catnic Lintels.
 9. Contractor to check existing lintel support over doors & windows and replace with appropriate support.
 10. All bedroom window openings for fire escape minimum 450mmx750mm
 11. It is the responsibility of the contractor, sub-contractor to check the floor levels prior to commencement of work carried out on site
 12. heavy duty catnic lintel over rear opening.

NOTES:

MINIMUM 1m² C32/C40 CONCRETE STRIP FOR BLOCK WORK AND BEAMS.

EXISTING SOLID WALLS

NEW SOLID BLOCK WALL not less than 7 K/Nm²

CONNECTION DETAIL B1 TO B3&B4

REACTION MAXIMUM =

USE 4 No. M20 BOLT, SAFELOAD / BOLT = 20.40kN = 4 x 20.40 kN >

USE 6mm FILLET WELD

USE 170 x 170 x 10mm THICK STEEL PLATE

GENERAL NOTES:

ALL DIMENSIONS TO BE CHECKED

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS, CONSTRUCTION NOTES AND/OR PROJECT SPECIFICATION.

ANY CONSTRUCTION WORK CARRIED OUT PRIOR TO RECEIVING NECESSARY APPROVALS IS ENTIRELY AT THE PROPERTY OWNERS/CLIENTS/BUILDERS RISK

ALL MATERIALS AND METHODS OF WORK TO COMPLY WITH ALL RELEVANT BRITISH STANDARDS AND/OR B.S. CODES OF PRACTICE. THE BUILDER IS TO ENSURE THAT ALL MATERIALS USED ARE FIT FOR THE PURPOSE.

CONTRACTOR IS TO CARRY OUT A RISK ASSESSMENT FOR ALL ASPECTS OF THE CONTRACT, IN ACCORDANCE WITH THE HEALTH & SAFETY AT WORK ACT, AND IS TO COMPLY IN FULL WITH THE CDM REGULATIONS GIVING THE REQUIRED NOTICES TO ALL REGULATIVE BODIES (INCLUDING THE HEALTH & SAFETY EXECUTIVE).

IT IS THE BUILDERS/PROPERTY OWNERS RESPONSIBILITY TO OBTAIN ALL NECESSARY PARTY WALL AGREEMENTS. THESE SHOULD BE OBTAINED PRIOR TO ANY WORK BEING CARRIED OUT.


PRIOR TO THE COMMENCEMENT OF ANY WORKS, THE BUILDER IS TO CHECK AND/OR DETERMINE ALL CONSTRUCTION DETAILS, INCLUDING CHECKING SITE LEVELS AND DIMENSIONS.

CLIENT TO CONFIRM IF THERE ARE ANY PUBLIC DRAINAGE PIPES WITHIN 3M OF THE PROPOSED EXTENSION AND THEN SECURE APPROVAL FROM WATER AUTHORITY TO BUILD OVER OR CLOSE TO ACCESS TO A MANHOLE TO BE ADVISED BY CLIENT FOR ALL NECESSARY CCTV SURVEYS TO SATISFY WATER AUTHORITY PRE AND POST BUILDING WORKS.

ALL WORKMANSHIP SHOULD BE CARRIED OUT IN WORKMAN LIKE MANNER AND STRICTLY IN ACCORDANCE WITH CODE OF PRACTICE AND TO BRITISH STANDARDS.

SHOULD THE CONTRACTOR FIND ANY ERROR/S IN THE DRAWINGS THEN HE MUST INFORM PLANNING, DESIGN & BUILD PRIOR TO COMMENCEMENT / ORDERING ANY MATERIAL.

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Project:164 KNIGHTLOW RD, HARBOURNE B17 8QA	Drawing No: 004	 <p>Conception to Completion</p>
	Rev: B	
025/164KNIG	Scale:	Wildings Building, 864 Washwood Heath Road, Ward End, Birmingham B8 2NG www.planningdesignbuild.net Mhussain@planningdesignbuild.net 07811532883
	Drawn By:MH	
Drawing: PROPOSED GROUND FLOOR PLAN	Checked By:AI	
	Date:08.05.17	