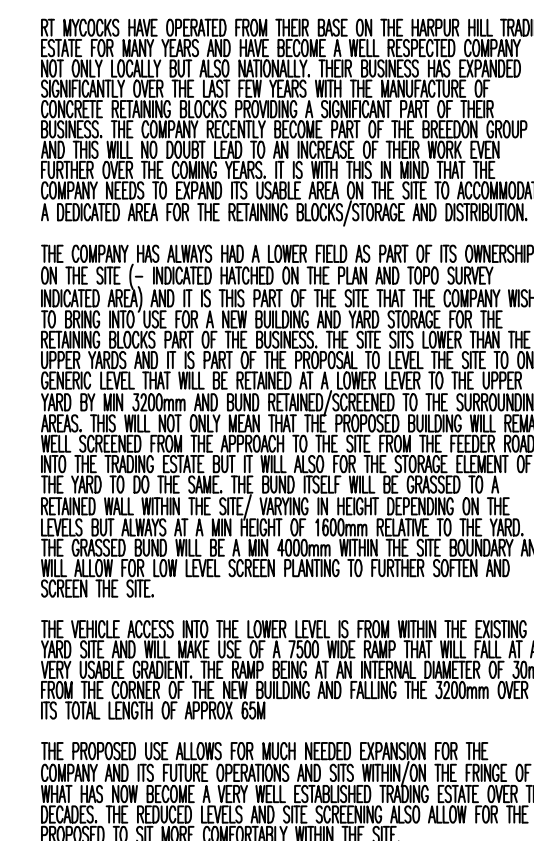


NATIVE TREE SPECIES TO BE PLANTED AS INDICATED AND SHOULD INCLUDE:
SILVER BIRCH, ROWAN AND FIELD MAPLE (EQUAL MIX TO BE PLANTED) AS
PER RECOMMENDATIONS FOR LANDSCAPE CHARACTER OF LIMESTONE
MOORLAND AND AREA



THE NEW BUILDING IS TO BE DESIGNED TO LOOK SIMILAR TO THE OTHER MORE RECENT BUILDINGS ON THE SITE WITH A STEEL PORTAL FRAME THAT WILL BE FINISHED EXTERNALLY WITH BRICK PLINTH LINE TO A HEIGHT OF 2100mm (TO AN INSULATED CAVITY STRUCTURE) WITH A VANDYKE BROWN BRICK CLAD FRAME ABOVE TO A TOTAL TOTAL GUTTER HEIGHT OF 4600 AND A ROOF OF APPROX. OF 5640mm. THESE HEIGHTS WILL ALLOW THE BUILDING TO SIT MUCH LOWER IN HEIGHT AGAINST THE UPPER GARAGE, THEREBY REDUCING THE VISUAL IMPACT ON THE APPROACH TO THE SITE. THE ROOF SECTION WILL AGAIN BE VANDYKE BROWN BRICK PROFILE SHEETING AT A PITCH OF 9-10 DEG TO FURTHER MATCH THE EXISTING BUILDINGS ON SITE.

THE BUILDINGS ARE A STEEL PORTAL FRAME. THE FRAME IS TO BE SUPPORTED OFF A CONCRETE RINGBEAM WITH CONC PADS TO THE FRAME. THE RINGBEAM IS TO BE CONSTRUCTED IN ACCORDANCE WITH STRUCTURAL ENGINEER DETAILS WITH THE PORTAL FRAME BOLTED THERETO. THE RINGBEAM DEPTH IS TO RELY TO STRUCTURAL REQUIREMENTS BUT ALSO THE SECTIONAL DIMS HERE-IN AND THE RELEVANT EXTERNAL BASE YARD MAKE-UP OF MIN 150-200mm TAMPED CONCRETE TO DAMP MEMBRANE AND MIN 150mm TYPE 1 GRANULAR SUB BASE

THE BASE FLOOR STRUCTURE TO THE BUILDING IS TO BE A MIN 150mm MOT
BASE WITH 1200g (MIN) DPM WITH SAND BLINDING TO MIN 125mm XTRATHER
OR SIMILAR APPROVED RIGID FLOORING INSULATION - IF DESIGNED
REQUIREMENT BY THE CLIENT RELEVANT TO THE USE, 500g ISOLATING
MEMBRANE AND MIN 150 REINFORCED CONC COVER WITH 25 PERMETER
UPSTAND INSULATION TAPE AND SEAL DPM AND DPC'S. EXTERNAL WALL BELOW
DPC LINE IS TO BE EITHER SOLID CONC OR 300 / 400 BLOCK CAVITY BLOCK
WITH WEAK MAX CONC TO CAVITY WITHIN 225 OF DPC.

EXTERNAL WALL STRUCTURE IS TO BE A 300mm CAVITY WALL STRUCTURE UP TO 2100 HIGH WITH 100mm INTERNAL 7R BLOCK, FULL CAVITY WITH XTERRAFLEX FULL THERM CAVITY TO RELEVANT MANUFACTURER DETAILS.

EXTERNAL SKIN UP TO 2100 BRICK TO MATCH THE UNIT ABOVE. ABOVE THIS LINE THE ELEVATION IS TO BE AN INSULATED GRC PROFILE SHEET (W/ 100mm KINGSSPAN) – SUGGEST THE SUITABLE KINGSPAN PRODUCT IN VANADORE GRAY TO MATCH THE EXISTING RT WOODCL BUILDINGS. THE GRC PROFILE SECTION BE SUPPORTED BY A METAL FRAME FIXED TO THE STEEL PROFILE.

INSULATION – SUGGEST GRC PROFILE SHEET 1200mm W/ 100mm KINGSSPAN.

SUGGEST GRC PROFILE SHEET 1200mm W/ 100mm IN WIDTH. THE INTERNAL FRAME ABOVE THE 100mm block wall at ground level is THEN TO BE BATTEN OUT IN TIMBER STUD (OR ACCUSTUDIO) TO TAKE A FURTHER 50mm OF INSULATION WITH 15mm WALLBOARD TO FINISH. THE STEEL FRAME ITSELF IS BE FINISHED TO ALLOW FOR 2hrs MIN FIRE PROTECTION.

ROOF STRUCTURE TO BE AN INSULATED BOX PROFILE SHEET (1200 WIDE) WITH MIN INSULATION THEREOF 125mm SUPPORTED FROM KINGSPAN FRAMEWORK TO PORTAL OR SIMILAR APPROVED. ALLOW FOR ALL RELEVANT CONNECTION DETAILS AT VERGE AND SOFFIT LINE DEPENDANT ON SPECIFIED MANUFACTURER FOR SHEETS. ALL GUTTERING TO BE 125 sq SECTION BOX PROFILE GUTTERING TO MIN 10% DOWNSPOUTS. ALL GUTTERING IN EITHER ALUMINIUM OR PLASTIC AND TO MATCH THE BUILDING IS FINISH.

ALL EXTERNAL JOINERY IS TO BE IN BROWN ALUMINIUM AND ALL UNITS TO BE MIN 1.2 W/M²K U VALUE.

SCALE: 1:200		CHECKED: AJS	
DATE: FEB'23	DRAWN: AJS		

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DRAWING No: BLOCK PLAN 01B

B REGS COMPLIANT