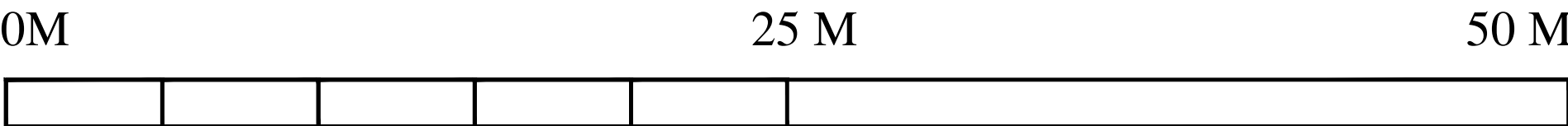
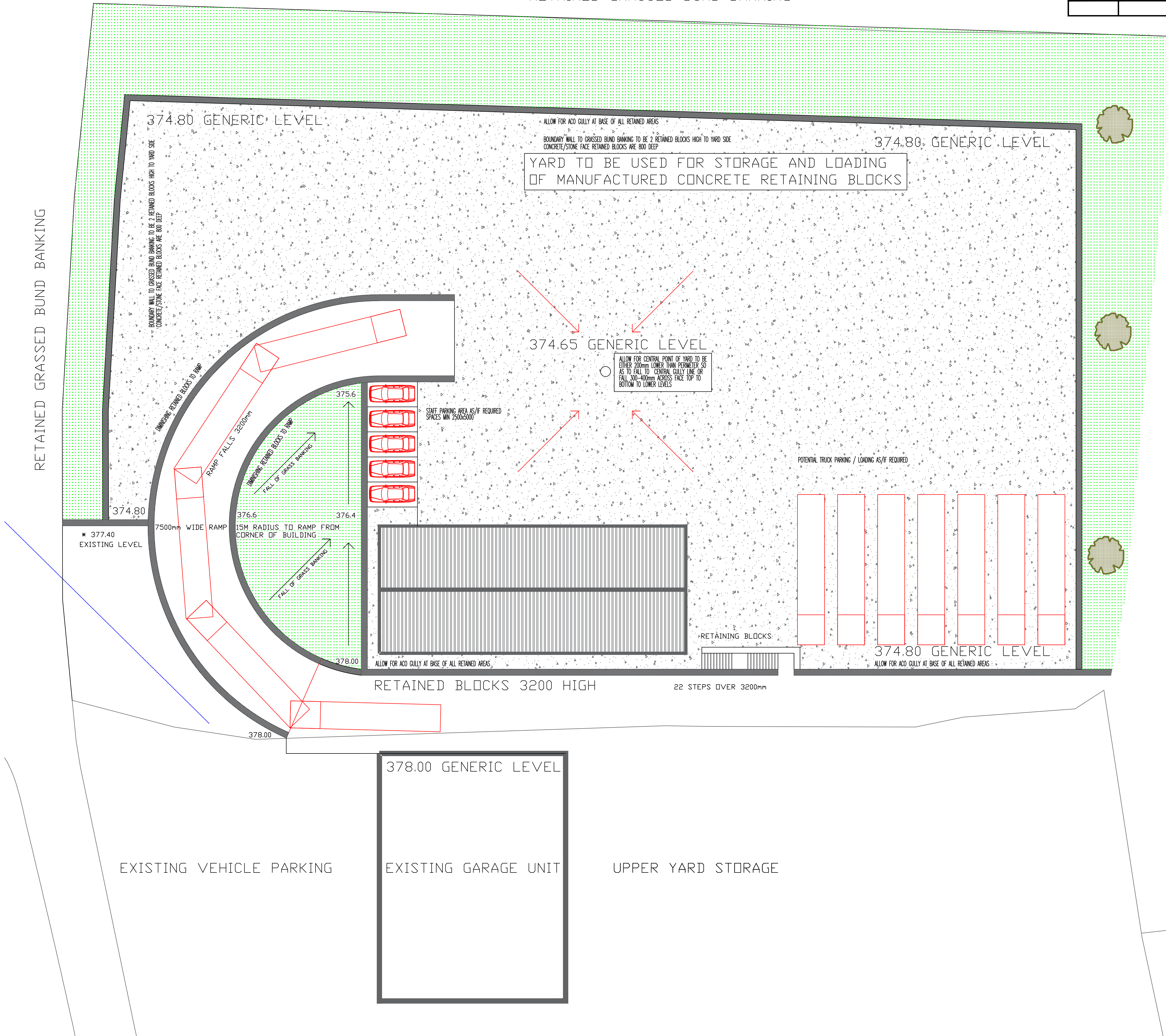


RETAINED GRASSED BUND BANKING



RETAINED GRASSED BUND BANKING

RETAINED GRASSED BUND BANKING



RT MYCOCK CONCRETE

BY MYCOCKS HAVE OPERATED FROM THEIR BASE ON THE HARPUR HILL TRADING ESTATE FOR MANY YEARS AND HAVE BECOME A WELL RESPECTED COMPANY NOT ONLY LOCALLY BUT ALSO NATIONALLY. THEIR BUSINESS HAS EXPANDED SIGNIFICANTLY OVER THE LAST FIVE YEARS WITH THE MANUFACTURE OF CONCRETE RETAINING BLOCKS PROVIDING A SIGNIFICANT PART OF THEIR BUSINESS. THE COMPANY RECENTLY BECAME PART OF THE BREXTON GROUP AND THIS WILL NO DOUBT LEAD TO AN INCREASE OF THEIR WORK OVER THE FURTHER OVER THE COMING YEARS. IT IS WITH THIS IN MIND THAT THE COMPANY NEEDS TO EXPAND ITS USABLE AREA ON THE SITE TO ACCOMMODATE A DEDICATED AREA FOR THE RETAINING BLOCKS STORAGE AND DISTRIBUTION.

THE COMPANY HAS ALWAYS HAD A LOWER FIELD AS PART OF ITS OWNERSHIP ON THE SITE (- INDICATED HATCHED ON THE PLAN AND TOPO SURVEY INDICATED AREA) AND IT IS THIS PART OF THE SITE THAT THE COMPANY WISH TO BRING INTO USE FOR A NEW BUILDING AND YARD STORAGE FOR THE RETAINING BLOCKS PART OF THE BUSINESS. THE SITE SITS LOWER THAN THE UPPER YARD AND IT IS PART OF THE PROPOSAL TO LEVEL THE SITE TO ONE GENERIC LEVEL THAT WILL BE RETAINED AT A LOWER LEVEL TO THE UPPER YARD BY MIN 3200mm AND BUND RETAINED/SCREENED TO THE SURROUNDING AREAS. THIS WILL NOT ONLY MEAN THAT THE PROPOSED BUILDING WILL BE BUND WELL SCREENED FROM THE APPROACH TO THE SITE FROM THE FETTER ROAD INTO THE TRADING ESTATE BUT IT WILL ALSO FOR THE STORAGE ELEMENT OF THE YARD TO DO THE SAME. THE BUND ITSELF WILL BE GRASSED TO A RETAINED WALL WITHIN THE SITE WARNING IN HEIGHT DEPENDING ON THE LEVELS BUT ALWAYS AT A MIN HEIGHT OF 1000mm RELATIVE TO THE YARD. THE GRASSED BUND WILL BE A MIN 4000mm WITHIN THE SITE BOUNDARY AND WILL ALLOW FOR LOW LEVEL SCREEN PLANTING TO FURTHER SOFTEN AND SCREEN THE SITE.

THE VEHICLE ACCESS INTO THE LOWER LEVEL IS FROM WITHIN THE EXISTING YARD SITE AND WILL MAKE USE OF A 7500mm RAMP THAT WILL FALL AT A VERY SHARP CORNER. THE RAMP BEING AT AN INTERNAL CORNER OF THE CORNER OF THE NEW BUILDING AND FALLING THE 3500mm OVER ITS TOTAL LENGTH OF APPROX 65M.

THE PROPOSED USE ALLOWS FOR MUCH NEEDED EXPANSION FOR THE COMPANY AND ITS FUTURE OPERATIONS AND SITS WITHIN ON THE FORTUNE OF WHAT HAS NOW BECOME A VERY WELL ESTABLISHED TRADING ESTATE OVER THE DECADES. THE REDUCED LEVELS AND SITE SCREENING ALSO ALLOW FOR THE PROPOSED TO BE MORE COMFORTABLE WITHIN THE SITE.

THE NEW BUILDING IS TO BE DESIGNED TO LOOK SIMILAR TO THE OTHER MORE RECENT BUILDINGS ON THE SITE. THE BUILDING WILL BE FINISHED EXTERNALLY WITH BROWN PLINTH LINE TO A HEIGHT OF 2100mm TO AN INSULATED CAVITY STRUCTURE WITH A VANDERBROOK BOX JOINT FRAME ABOVE TO A TOTAL TOTAL EXTERIOR HEIGHT OF 4800 AND A ROOF OF APPROX 1500mm. THESE HEIGHTS WILL ALLOW THE BUILDING TO SIT MUCH LOWER IN HEIGHT THAN THE UPPER YARD, THIS LOWER HEIGHT REDUCING THE VISUAL IMPACT ON THE SITE. THE ROOF SECTION WILL AGAIN BE VANDERBROOK BOX JOINT FRAME SHEETING AT A PITCH OF 9-10 DEGS TO FURTHER MATCH THE EXISTING BUILDINGS ON SITE.

THE BUILDINGS ARE A STEEL PORTAL FRAME. THE FRAME IS TO BE SUPPORTED OFF A CONCRETE PIER WITH CONCRETE PADS TO THE FRAME. THE ROOFRAIM IS TO BE CONSTRUCTED IN ACCORDANCE WITH STRUCTURAL ENGINEER DETAILS WITH THE PORTAL FRAME BEING THICKER. THE SECTIONAL JOINTS HERE-IN AND THE EXISTING EXTERNAL BASE AND MAKE-UP OF MIN 150-200mm THICK 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 12000 (MIN) EPW WITH SAND BLINDING TO MIN 125mm XTHERM OR SIMILAR APPROVED FLOORING INSULATION - IF THICKER A REQUIREMENT BY THE CLIENT RELATIVE TO THE USE. SOUS INSULATING MEMBRANE AND MIN 150 REINFORCED CONC COVER WITH 25 PERMETER. EXISTING INSULATION TYPE AND SIZE EPW AND DPC'S. EXTERNAL WALL BELOW DPC LINE IS TO BE EITHER SOLID CONC OR 300 (A) BLOCK CAVITY BLOCK WITH REIN 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 ON BLOCK FULL FULL CAVITY WITH XTHERM FULL THEM CAVITY TO RELEVANT MANUFACTURER DETAILS. EXTERNAL DOWN UP TO 2100 BLOCK TO MATCH THE ONE ADJACENT ABOVE THIS LINE THE ELEVATION IS TO BE AN INSULATED BOX PROFILE SHEET (MIN 100mm INSULATION) - SUGGEST THE SUITABLE KINGSSPAN PRODUCT IN VANDERBROOK TO MATCH THE EXISTING RT MYCOCK BUILDINGS. THE BOX PROFILE SECTION TO BE SUPPORTED BY A METAL FRAME FIXED BACK TO THE STEEL PORTAL RANGSPAN BY A SUITABLE CHAD SYSTEM TO SUPPORT THESE SHEETS. SUGGEST BOX PROFILE SHEETS AT 1200 MM IN WIDTH. THE INTERNAL FRAME ABOVE THE 1000mm BLOCK WALL AT GROUND FLOOR IS THEN TO BE BATTENED OUT IN TIMBER STUD (OR ACCORDING) TO TAKE A FURTHER 50mm OF INSULATION WITH 15mm WALLBOARD TO FINISH. THE STEEL FRAME ITSELF IS TO BE FINISHED TO ALLOW FOR 2hrs MIN FIRE PROTECTION.

ROOF STRUCTURE TO BE AN INSULATED BOX PROFILE SHEET (1200 WIDE) WITH MIN INSULATION THICKED OF 125mm SUPPORTED FROM RANGSPAN FRAMEWORK TO PORTAL OR SIMILAR APPROVED. ALLOW FOR ALL RELEVANT CONNECTION DETAILS AT VERGE AND SLOTT LINE DEPENDANT ON SPECIFIED MANUFACTURER FOR SHEETS. ALL OUTLETING TO BE 125-150 SECTION BOX PROFILE OUTLETING TO MIN 150mm COMPRESSES. ALL OUTLETING IN EITHER ALUMINIUM OR PLASTIC AND TO MATCH THE BUILDING IN COLOUR.

ALL EXTERNAL JOINERY IS TO BE IN BROWN ALUMINIUM AND ALL UNITS TO BE MIN 1.2 W/M2 U VALUE.

PROPOSED BLOCK PLAN 1:200 RT MYCOCK CONCRETE

REVISIONS:
PROPOSED BLOCK PLAN
HARPUR HILL TRADING ESTATE, BUXTON
RT MYCOCK CONCRETE

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

THIS DRAWING AND THE BUILDING WORKS DEPICTED ARE THE COPYRIGHT OF AJS ARCHITECTURE AND MAY NOT BE REPRODUCED OR AMENDED EXCEPT BY WRITTEN PERMISSION. NO LIABILITY WILL BE ACCEPTED FOR AMENDMENTS MADE BY OTHER PERSONS.

A.J.S ARCHITECTURE



32 carr road,
buxton,
derbyshire
sk17 6wf.

h: 01298 26062
m: 07794 400237

DRAWING No: BLOCK PLAN 01A

B REGS COMPLIANT