BLOCK PLAN 01A

0M — 25 M — 50 M

RETAINED GRASSED BUND BANKING

RETAINED GRASSED BUND BANKING

RETAINED GRASSED BUND BANKING

374.80 GENERIC LEVEL

ALLOW FOR ACO GULLY AT BASE OF ALL RETAINED AREAS

BOUNDARY WALL TO GRASSED BUND BANKING TO BE 2 RETAINED BLOCKS HIGH TO YARD SIDE
CONCRETE/STONE FACE RETAINED BLOCKS ARE 800 DEEP

374.80 GENERIC LEVEL

YARD TO BE USED FOR STORAGE AND LOADING
OF MANUFACTURED CONCRETE RETAINING BLOCKS

BOUNDARY WALL TO GRASSED BUND BANKING TO BE 2 RETAINED BLOCKS HIGH TO YARD SIDE
CONCRETE/STONE FACE RETAINED BLOCKS ARE 800 DEEP

374.65 GENERIC LEVEL

ALLOW FOR CENTRAL POINT OF YARD TO BE EITHER 200mm LOWER THAN PERIMETER SO AS TO FALL TO CENTRAL GULLY LINE OR FALL 300-400mm ACROSS FACE TOP TO BOTTOM TO LOWER LEVELS

(MINIMUM) RETAINED BLOCKS TO RAMP

RAMP FALLS 3200mm

375.6

STAFF PARKING AREA AS/F REQUIRED
SPACES MIN 2500x5000

(MINIMUM) RETAINED BLOCKS TO RAMP

FALL OF GRASS BANKING

374.80

376.6

376.4

377.40
EXISTING LEVEL

7500mm WIDE RAMP

15M RADIUS TO RAMP FROM
CORNER OF BUILDING

FALL OF GRASS BANKING

378.00

POTENTIAL TRUCK PARKING / LOADING AS/F REQUIRED

RETAINING BLOCKS

374.80 GENERIC LEVEL

ALLOW FOR ACO GULLY AT BASE OF ALL RETAINED AREAS

ALLOW FOR ACO GULLY AT BASE OF ALL RETAINED AREAS

RETAINED BLOCKS 3200 HIGH

22 STEPS OVER 3200mm

378.00

378.00 GENERIC LEVEL

EXISTING VEHICLE PARKING

EXISTING GARAGE UNIT

UPPER YARD STORAGE

PROPOSED BLOCK PLAN 1:200
RT MYCOCK CONCRETE

RT 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 FEW YEARS WITH THE MANUFACTURE OF CONCRETE RETAINING BLOCKS PROVING A SIGNIFICANT PART OF THEIR BUSINESS. THE COMPANY RECENTLY BECOME PART OF THE BRECKON GROUP AND THIS WILL NO DOUBT LEAD TO AN INCREASE OF THEIR WORK OVER 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 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 YARDS AND IT IS PART OF THE PROPOSAL TO LEVEL THE SITE TO ONE GENERIC LEVEL THAT WILL BE RETAINED AT A LOWER LEVER 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 REMAIN WELL SCREENED FROM THE APPROACH TO THE SITE FROM THE FEEDER 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, VARYING IN HEIGHT DEPENDING ON THE LEVELS BUT ALWAYS AT A MIN HEIGHT OF 1800mm RELATIVE TO THE YARD. THE GRASSED BUND WILL BE A MIN 400mm 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 7500 WIDE RAMP THAT WILL FALL AT A VERY ESABLE GRADIENT. THE RAMP BEING AT AN INTERNAL DIAMETER OF 30m FROM THE CORNER OF THE NEW BUILDING AND FALLING THE 3200mm 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 FRINGE OF WHAT HAS NOW BECOME A VERY WELL ESABLISHED TRADING ESTATE OVER THE DECADES. THE REDUCED LEVELS AND SITE SCREENING ALSO ALLOW FOR THE PROPOSED TO SIT MORE COMFORTABLY WITHIN THE SITE.

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 BOX CLAD FRAME ABOVE TO A TOTAL TOTAL GUTTER HEIGHT OF 6600 AND A ROOF OF APPROX OF 9600mm. THESE HEIGHTS WILL ALLOW THE BUILDING TO SIT MUCH LOWER IN HEIGHT AGAINST THE UPPER GARAGE, THUS FURTHER REDUCING THE VISUAL IMPACT ON THE APPROACH TO THE SITE. THE ROOF SECTION WILL AGAIN BE VANDYKE BROWN BOX 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 RELATE TO STRUCTURAL REQUIREMENTS BUT ALSO THE SECTIONAL DIMS HERE-IN AND THE RELEVANT EXTERNAL SPEC YARD WARE-UP OF MIN 150-200mm TAMPED CONCRETE TO RAMP 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 XTRATHERM OR SIMILAR APPROVED RIGID FLOORING INSULATION - IF DEEMED A REQUIREMENT BY THE CLIENT RELIANT TO THE USE. 500g POLYLINING MEMBRANE AND MIN 150 REINFORCED CONC COVER WITH 25 PERIMETER UPSTAND INSULATION. TAPE AND SEAL DPM AND DPC'S. EXTERNAL WALL BELOW DPC LINE IS TO BE EITHER SOLID CONC OR 300 D/A BLOCK CAVITY BLOCK WITH WEAK MIX CONC TO CAVITY WITHIN 225 OF DPC.

EXTERNAL WALL STRUCTURE IS TO BE A 300mm CAVITY WALL STRUCTURE UPTO 2100 HIGH WITH 100mm INTERNAL 7N BLOCK, FULL FILL CAVITY WITH XTRATHERM FULL THERM CAVITY TO RELEVANT MANUFACTURER DETAILS. EXTERNAL SKIN UPTO 2100 BRICK TO MATCH THE ONT ADJACENT. ABOVE THIS LINE THE ELEVATION IS TO BE AN INSULATED BOX PROFILE SHEET (MIN 100mm INSULATION) - SUGGEST THE SUITABLE KINGSPAN PRODUCT IN VANDYKE BROWN TO MATCH THE EXISTING BY MYCOCK BUILDINGS. THE BOX PROFILE SECTION TO BE SUPPORTED BY A METAL FRAME FIXED BACK TO THE STEEL PORTAL. KINGSPAN DO A SUITABLE GIRD SYSTEM TO SUPPORT THEIR SHEETS - SUGGEST BOX PROFILE SHEETS AT 1200 MM IN WIDTH. THE INTERNAL FRAME ABOVE THE 100mm BLOCK WALL AT GROUND FLOOR IS THEN TO BE BATTENED OUT IN TIMBER STUD (OR ACCUSTUD) 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 THERETO OF 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 5% GRADIENTS. ALL GUTTERING IN EITHER ALUMINUM 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/M2K U VALUE.

REVISIONS:

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

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

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DRAWING No: BLOCK PLAN 01A

B REGS COMPLIANT