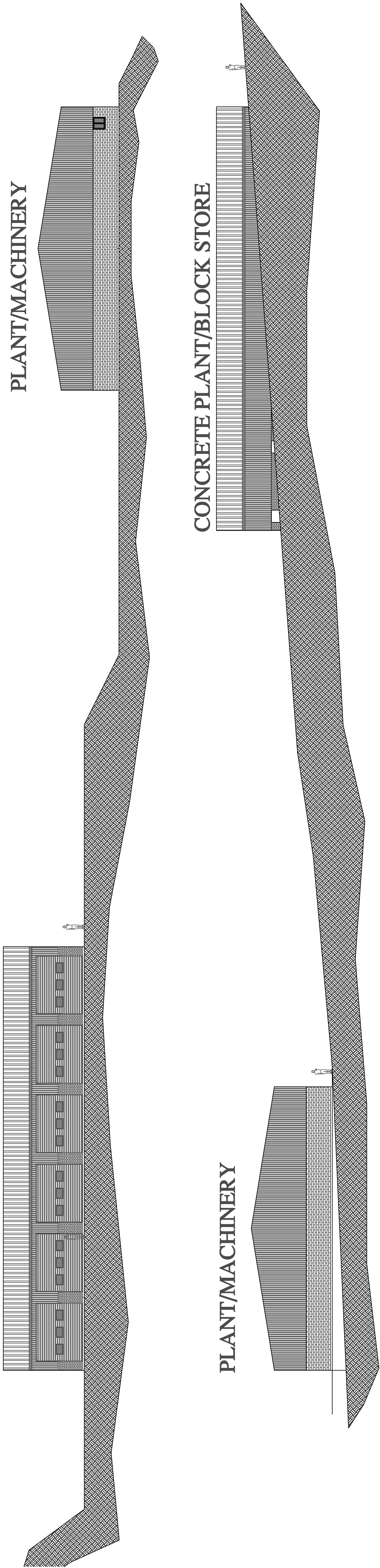
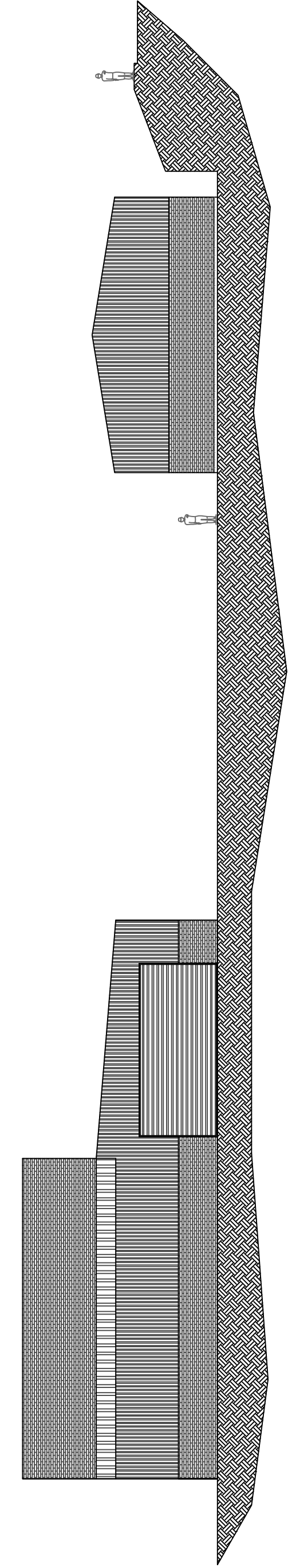


CONCRETE PLANT/BLOCK STORE



RT MYCOCK PLANT



THE PURPOSE OF THE APPLICATION IS TO PROVIDE TWO NEW STORAGE UNITS FOR RT MYCOCK AND SONS – CONCRETE SUPPLIERS.

PLANNING PERMISSION WAS RECENTLY GRANTED FOR A NEW OFFICE AND TRAINING FACILITY FOR WASH INDUSTRIAL ON THE PLOT OF LAND AS PART OF THE RT MYCOCK SITE ON THE HARPUR HILL TRADING PARK. THE TWO COMPANIES ARE CURRENTLY EXPANDING AND ENJOY CERTAIN SYNERGIES IN THEIR VARIOUS SECTORS.

RT MYCOCK'S GROWING USE OF THE SITE FOR CONCRETE SUPPLIES AND THE MANUFACTURE OF CONCRETE 'LECO' BLOCKS TO VARIOUS PARTS OF THE BUILDING SECTOR MEANS THAT THEY NEED AN INCREASED NUMBER OF STORAGE UNITS FOR BOTH VEHICLES AND PLANT BUT ALSO A STORAGE FACILITY FOR THE PRODUCED BLOCKS. THESE UNITS CURRENTLY PRODUCED AND STORED OUTSIDE AND THUS LIMITED BY WEATHER FACTORS.

THE SITE IS ALSO AN OPEN COMPOUND AND IS ULTIMATELY SUSCEPTIBLE TO POTENTIAL SECURITY RISKS. 24hr SITE SECURITY IS IN PLACE ON THE COMPOUND BUT THIS DOESN'T NEGATE THE FACT THAT A SIGNIFICANT NUMBER OF VEHICLES, PLANT, AND MANUFACTURED BLOCKS AND RELEVANT PRO-FORMERS ETC ARE OUTSIDE IN AN UNGATED YARD COMPOUND.

WITH THE ABOVE IN MIND, THE OWNERS RECENTLY PURCHASED THE PORTAL FRAME AND ASSOCIATED STRUCTURE FROM AN INDUSTRIAL UNIT FURTHER WITHIN THE HARPUR HILL TRADING ESTATE. THE PURPOSE OF WHICH IS TO UTILISE IN PART FORM FOR THE PROPOSED UNITS, BUT THE INTENTION BEING TO UTILISE PART BAY ELEMENTS OF THESE STRUCTURES WITH NEW EXTERNAL SKINS ETC SO THAT THEY SUIT THIS NEW USE ON THE RT MYCOCK COMPOUND.

THE RT MYCOCK SITE IS ULTIMATELY A VERY LARGE PLOT BUT IT REQUIRES SOME COHERENCE IN ITS LAYOUT AND BUILDING USE ETC TO ALLOW IT TO EXPAND AND FUNCTION INTO THE FUTURE.

THE BUILDINGS ARE AN EXISTING 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 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 125mm XTRATHERM OR SIMILAR APPROVED RIGID FLOORING INSULATION – IF DEEMED A REQUIREMENT BY THE CLIENT RELEVANT TO THE USE, 500g ISOATING 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 O/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 UP TO 2100 HIGH WITH 100mm INTERNAL 7N-BLOCK. FULL FILL CAVITY WITH XTRATHERM FULL THERM CAVITY TO RELEVANT MANUFACTURER DETAILS. EXTERNAL SKIN UP TO 2100 TO BE A GREY LIMESTONE COLOURED RECON STONE BY FORTICRETE (OR BRICK TO THE UNIT ADJACENT TO THE THE EXISTING BUILDING) ABOVE THIS LINE THE ELEVATION IS TO BE AN INSULATED BOX PROFILE SHEET (MIN 100mm INSULATION) – SUGGEST THE SUITABLE KINGSSPAN PRODUCT IN A DARK GREY FINISH NEAR THE NEW WASH INDUSTRIAL BUILDING AND DARK BROWN NEXT TO THE EXISTING RT MYCOCK BUILDING. THE BOX PROFILE SECTION TO BE SUPPORTED BY A METAL FRAME-FIXED BACK TO THE STEEL PORTAL. KINGSSPAN DO A SUITABLE GRID SYSTEM TO SUPPORT THEIR SHEETS – SUGGEST BOX PROFILE SHEETS AT 1200 MIN 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 30mm OF INSULATION WITH 13mm WALLBOARD TO FINISH. THE STEEL FRAME ITSELF IS TO BE FINISHED TO ALLOW FOR 2hrs MIN FIRE PROTECTION.

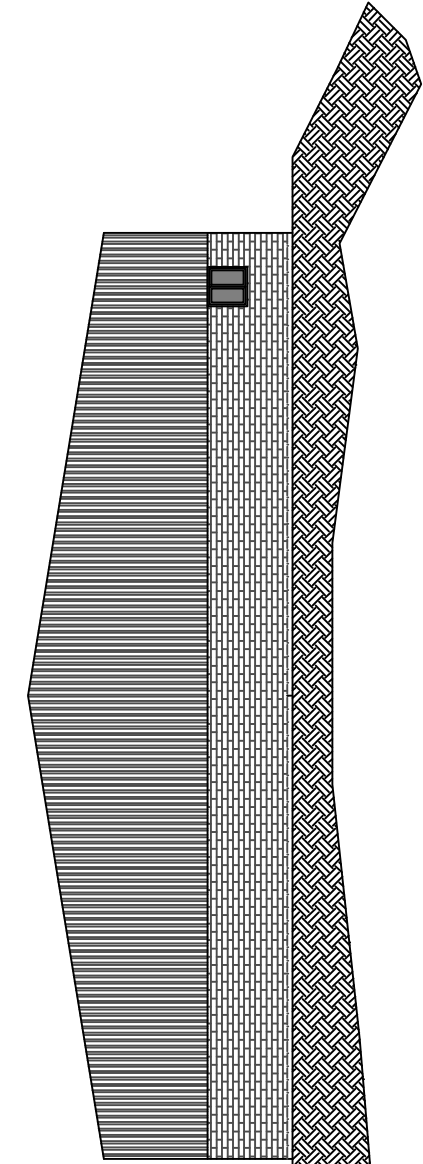
ROOF STRUCTURE TO BE AN INSULATED BOX PROFILE SHEET (1200 WIDE) WITH MIN INSULATION THERETO OF 125mm SUPPORTED FROM KINGSSPAN FRAMEWORK TO PORTAL OR SIMILAR APPROVED. ALLOW FOR ALL RELEVANT CONNECTION DETAILS AT VERGE AND SOFFIT LINE. DEPENDANT ON SPECIFIED MANUFACTURER FOR SHEETS. ALL GUTTERING TO BE 125 sq SECTION BOX PROFILE GUTTERING TO MIN 100/25 DOWNPIPES. ALL GUTTERING IN EITHER ALUMINIUM OR PLASTIC AND DARK GREY IN COLOUR (OR BROWN DEPENDING ON THE BUILDING).

ALL EXTERNAL JOINERY IS TO BE IN DARK GREY (OR BROWN) ALUMINIUM AND ALL UNITS TO BE MAX 1.2 W/M2X U VALUE.

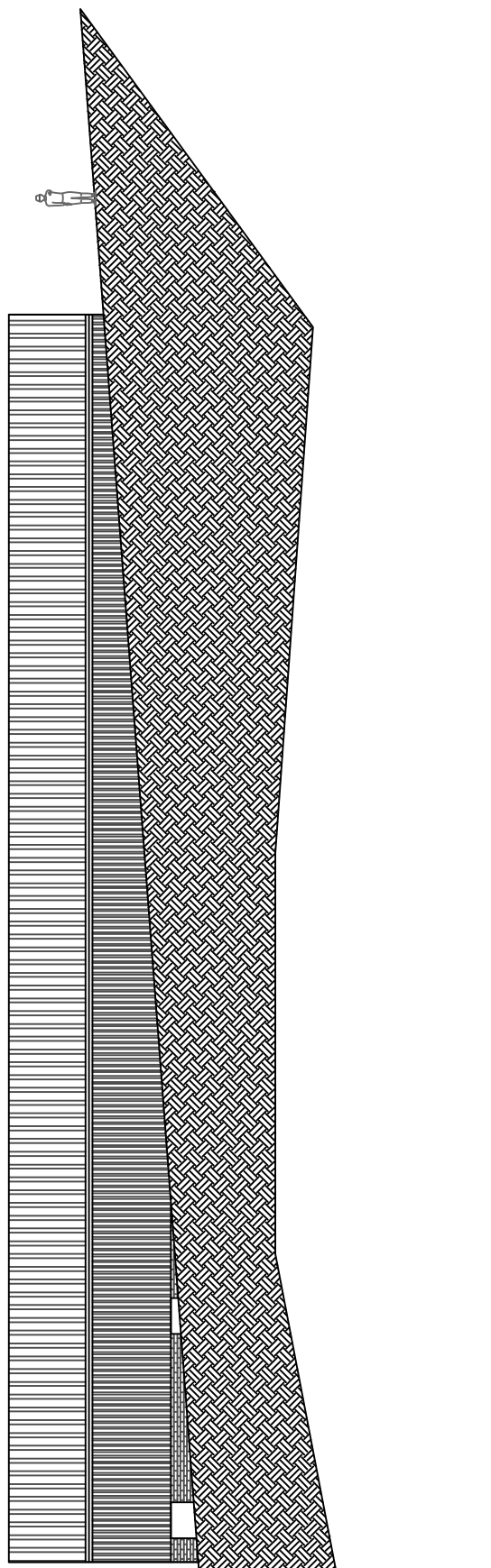
RT MYCOCK CONCRETE

SITE SECTIONS AS PROPOSED 1:200

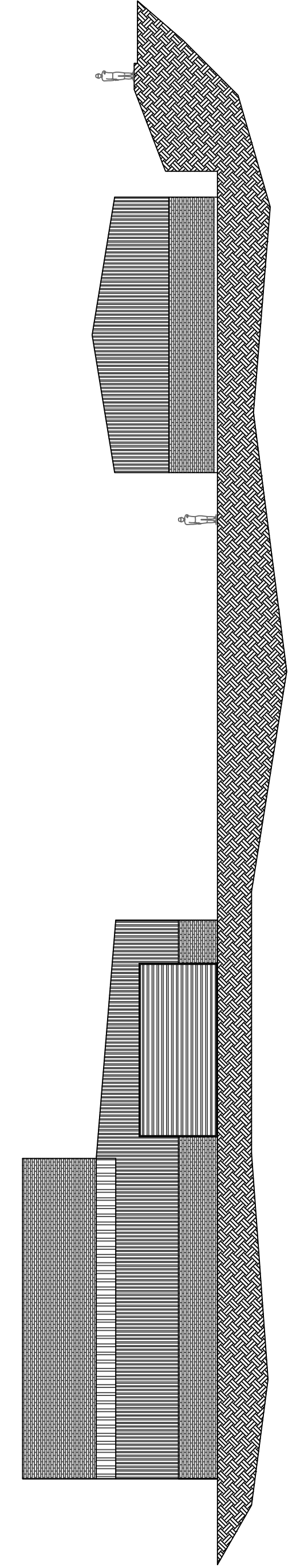
PLANT/MACHINERY



CONCRETE PLANT/BLOCK STORE



CONCRETE PLANT/BLOCK STORE



REVISIONS:

SITE SECTIONS 09

HARPUR HILL TRADING ESTATE, BUXTON

RT MYCOCK CONCRETE

SCALE: 1:200

DATE: SEPT'16

DRAWN: AJS

CHECKED: AJS

DATE: SEPT'16

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A. J. S ARCHITECTURE

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derbyshire,

sk17 6w.

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m: 07784 400237

DRAWING No:

SITE SECTIONS 09

B REGS COMPLIANT