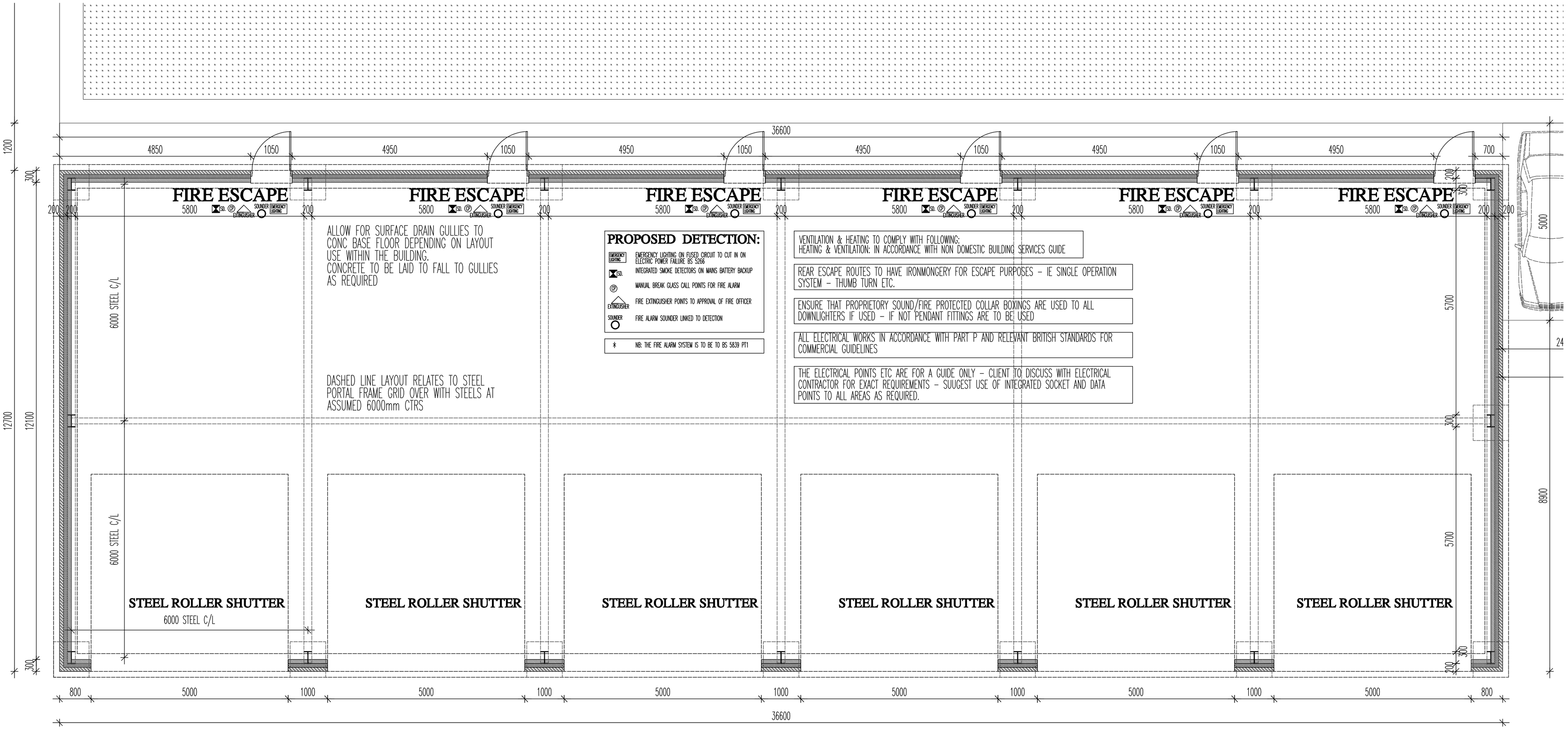

ALLOW FOR SURFACE DRAIN GULLIES TO CONC BASE FLOOR DEPENDING ON LAYOUT USE WITHIN THE BUILDING.
CONCRETE TO BE LAID TO FALL TO GULLIES AS REQUIRED

DASHED LINE LAYOUT RELATES TO STEEL PORTAL FRAME GRID OVER WITH STEELS AT ASSUMED 6000mm CTRS

PROPOSED DETECTION:

EMERGENCY LIGHTING	EMERGENCY LIGHTING ON FUSED CIRCUIT TO CUT IN ON ELECTRIC POWER FAILURE BS 5266
SD.	INTEGRATED SMOKE DETECTORS ON MAINS BATTERY BACKUP
P	MANUAL BREAK GLASS CALL POINTS FOR FIRE ALARM
EXTINGUISHER	FIRE EXTINGUISHER POINTS TO APPROVAL OF FIRE OFFICER
SOUNDER	FIRE ALARM SOUNDER LINKED TO DETECTION

* NB: THE FIRE ALARM SYSTEM IS TO BE TO BS 5839 PT1

VENTILATION & HEATING TO COMPLY WITH FOLLOWING:
HEATING & VENTILATION: IN ACCORDANCE WITH NON DOMESTIC BUILDING SERVICES GUIDE

REAR ESCAPE ROUTES TO HAVE IRONMONGERY FOR ESCAPE PURPOSES – IE SINGLE OPERATION SYSTEM – THUMB TURN ETC.

ENSURE THAT PROPRIETORY SOUND/FIRE PROTECTED COLLAR BOXINGS ARE USED TO ALL DOWNLIGHTERS IF USED – IF NOT PENDANT FITTINGS ARE TO BE USED

ALL ELECTRICAL WORKS IN ACCORDANCE WITH PART P AND RELEVANT BRITISH STANDARDS FOR COMMERCIAL GUIDELINES

THE ELECTRICAL POINTS ETC ARE FOR A GUIDE ONLY – CLIENT TO DISCUSS WITH ELECTRICAL CONTRACTOR FOR EXACT REQUIREMENTS – SUUGEST USE OF INTEGRATED SOCKET AND DATA POINTS TO ALL AREAS AS REQUIRED.

THE BUILDINGS ARE AN A 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 RELAVANT TO THE USE, 500g ISOLATING 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 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 UPTO 2100 HIGH WITH 100mm INTERNAL 7N BLOCK, FULL FILL CAVITY WITH XTRATHERM FULL THERM CAIVITY TO RELEVANT MANUFACTURER DETAILS. EXTERNAL SKIN UPTO 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 KINGSPAN PRODUCT IN A DARK GREY FINISH NEAR THE NEW NASH 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. KINGSPAN 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 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 100/125 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/M2K U VALUE.

RT MYCOCK CONCRETE, HARPUR TRADING EST'

GROUND FLOOR LAYOUT PLAN FOR CONCRETE BLOCK STORE 1:50

REVISIONS:

GROUND FLOOR PLAN
HARPUR HILL TRADING ESTATE, BUXTON
RT MYCOCK CONCRETE

SCALE: 1:50
DATE: SEPT'16 | DRAWN: AJS | CHECKED: AJS

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DRAWING No: GROUND FLOOR 02

B REGS COMPLIANT