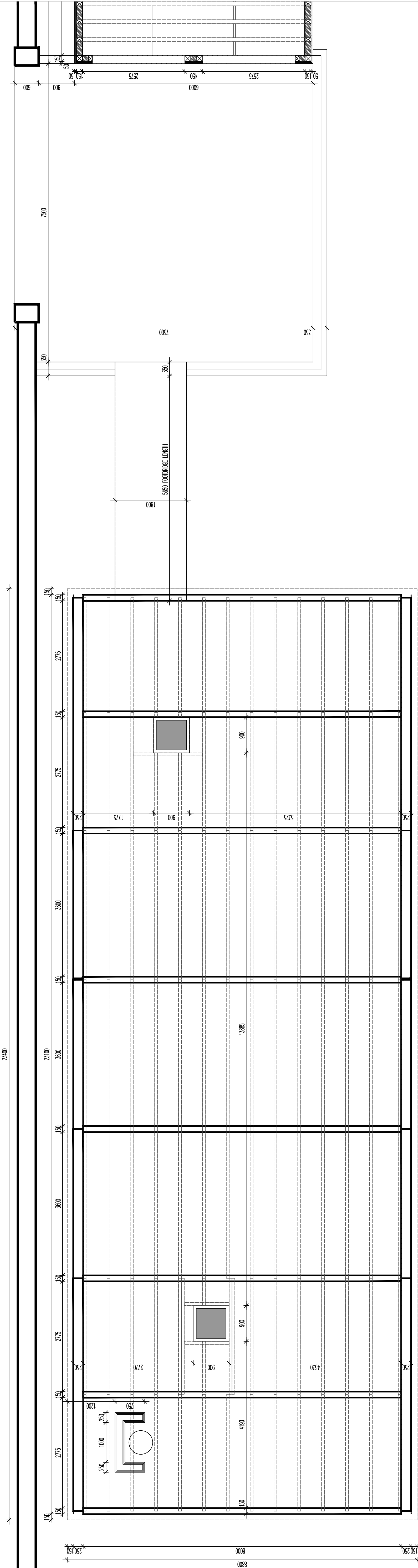




GENERAL CONSTRUCTION NOTE:

THE BUILDING IS TO BE A SELF SUPPORTING SKIN WITHIN A STEEL FRAME BOX OF STEEL CORNER AND CENTRE POSTS THAT SIT ONTO 900sq CONCRETE PADSTONES. ALL STEEL WORK TO BE SUPPORTED BY STRUCTURAL CALCULATIONS BUT THE BUILDING HAS BEEN DESIGNED WITH POSTS TO BE 250x150 SQ SECTIONS WITH THE EQUIVALENT TIE STEEL BEAMS BOTH WITHIN THE FLOOR AND ROOF.

THE ROOF STRUCTURE IS TO BE CONSTRUCTED WITH 4x6x8 POSTS 25mm DEEP (12mm WIDE) AT 600mmS AT 1200mmS. THE ROOF FINISH IS TO BE INSULATED WITH A SMOOTH GYP DECK FINISH. INSULATED SOFT BOARDS IN ANTIHOT (LAY TO FULL), WAPOR MEMBRANE, 150mm EXTERNAL GYPSUM BOARD TO 2000mm DEEP TO PLYWOOD DECK (MIN 12mm) OVER ROOF STRUCTURE. TO THE ROOF DECK ALLOW FOR ANGLED PHOTOVOLTAIC PANELS TO SUPPLEMENT THE SOURCE OF ENERGY FROM GROUND SOURCE HEAT SYSTEM BELOW THE BUILDING. THESE PANELS ARE TO BE GREASED FROM THE ROAD WITH A 60mm HIGH TIMBER FRAMED WALL 1900mm VERTICAL DOW AND BATTEN TO TAKE AN ANTIHOT FINISH CLADDING WITH ASSOCIATED GUTTING STRIPS.

[illegible][illegible]

THIS AREA IS TO CONTINUE DOWN AS A SERVICES BASEMENT BELOW THE LOBBY SPACE TO HOUSE THE BOILER AND THE RELEVANT PLANT THERETO. THIS SPACE IS TO BE TANKED AND DRY LINED WITH 75mm KINGSpan BOARD TO OLDROYD TANKING. FLOOR TO BE AN INSULATED GROUND BEARING SLAB WITH DPM, 150 INSULATION AND 100 SCREED.

FOR FINISH. ALLOW EXTERNAL GRADE PLYWOOD OVER TO DPM AND EXTERNAL GRADE NON SLIP FINISH. ALLOW

(WHICH IS LEVEL TO THE ROAD) VIA A WALK BRIDGE OVER THE LOWER GROUND LEVEL WHICH IS TO BE TURTLED THROUGHOUT. THE LINK IS TO BE TWO OUTER STEELS WITH NETFL 200 DEEP JOISTS AT 600c/crs (TAVANISED AND FINISHED FOR EXTERNAL USE).

TOE OF FRAMELESS GLASS GARAGE ENTRANCE. THE LINK IS TO BE TWO OUTER STEELS WITH NETFL 200 DEEP JOISTS AT 600c/crs (TAVANISED AND FINISHED FOR EXTERNAL USE).

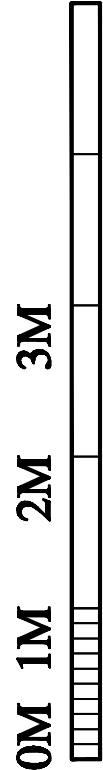
TOE OF FRAMELESS GLASS BALUSTRADE TO STEEL SLAB.

TOE OF FRAMELESS GLASS BALUSTRADE TO STEEL SLAB.

THE GARAGE THERETO IS TO BE CONSTRUCTED AS A TIMBER FRAME CONSTRUCTION TO MATCH THE HOUSE BUT WITH A 140 FRAME (WITH FULL INSULATION), DRY LINED INTERNALLY WITHOUT INSULATION, WITH A MOISTURE RESISTANT BOARD FINISH. FLOOR AGAIN TO BE BISON BEAMS TO TAKE RELEVANT IMPOSED LOADINGS, DPM AND SCORED FINISH.

THE BUILDING IS TO BE FED BY RENOVABLES WITH A GROUND FLOOR HEAT PUMP. THE INTENTION IS FOR THE FULL GROUND FLOOR AREA TO BE UNDERFLOOR HEATING WITH ASSOCIATED TOWEL RADS TO BATHROOM AREAS. ALLOW FOR A PASSIVE VENTILATION SYSTEM THROUGHOUT IN ACCORDANCE WITH THE RELEVANT CANADIAN REQUIREMENTS.

ALL MAINS ELECTRIC AND WATER FEEDS ARE TO COME IN OFF CORBAR WOODS LANE WHILST FOUL AND SURFACE WATER IS TO FEED TO THE EXISTING COMBINED SYSTEM ON SITE TO CORBAR HALL VIA A DROPPED MANHOLE THERE TO.



PROPOSED ROOF JOIST PLAN 1:50

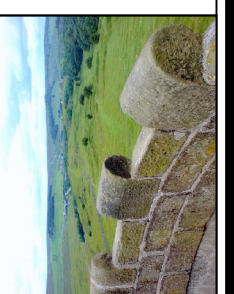
NEW DWELLING, CORBAR WOODS LANE 1:50

REVISING: PROPOSED PLANS BUXTON	CORBAR WOODS LANE	
	SCALE: 1:50	CHECKED: AJS
	DATE: AUGUST 17 DRAWN: AJS	

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USE: PAVED DIMENSIONS ONLY, IF IN DOUBT ASK.

A.J.S ARCHITECTURE



32 cairn road,
 derbyshire,
 sk17 6w1.

 t: 01298 280682
 m: 07794 400237

DRAWING NO:

PROPOSED 04

B REGS COMPLAINT