

PRELIMINARY NOTES

[illegible]

BUILDING REGULATIONS SPECIFICATION

I.O - GENERAL

REGULATIONS INCLUDING ALL TEST METHODS AND WITH THE T.B.C. REQUIREMENTS WHETHER SPECIFICALLY STATED OR NOT. ALL WORK IS TO COMPLY WITH ALL APPROPRIATE BRITISH STANDARDS AND CODES OF PRACTICE WHETHER SPECIFICALLY STATED OR NOT.

ALL MATERIALS TO BE SUPPLIED AND INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS DETAILS AND SPECIFICATION.

ALL CRANES TO LOOK, AUTHORISE AND BUILDING INSPECTORS APPROVAL.

ALL MATERIALS TO BE SATISFACTORY FOR THEIR PROPOSED USE AND TO CLIENTS REQUIREMENTS.

PROPOSED UNLIVES -

FLOORS - 0.25 mm/m.

EXTERNAL WALLS - 0.35 mm/m.

ROOFS - 0.65 mm/m.

GLAZING - 2.00 mm/m.

2.0 - STRUCTURAL DESIGN

ALL ELEMENTS OF STRUCTURAL DESIGN TO COMPLY WITH BUILDING REGULATION REQUIREMENT A AND ARE TO BE DESIGNED BY A QUALIFIED STRUCTURAL ENGINEER AND BE SUBMITTED TO AND APPROVED BY THE LOCAL AUTHORITY PRIOR TO ANY WORK COMMENCING ON SITE.

3.0 - STRUCTURE

FOOTINGS TO EXTERNAL WALLS TO BE 600mm WIDE X 400mm (REFER TO DRAWINGS). CONCRETE STRIP FOOTINGS IN GRADE 35+ CONCRETE TO BE 9328 BACK FILLED & COMPACTED HATCHED TO APPROVAL OF BUILDING INSPECTOR. APPROVED FACING BACK TO BEGIN MINIMUM 2 COULMBS BELOW OPC OR PROPOSED FINISHED EXTERNAL GROUND LEVEL.

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BLOCK AND BRICKWORK

INTERNAL WALLS AS INDICATED ON DRAWINGS LINED WITH CEILING DOUBLE R GAZO200 INSULATION WITH 12.5mm THICK PLASTERBOARD ON 25mm THICK SAW TIMBER SKITCHES TO ACHIEVE MIN U-VALUE OF 0.35w/m²k. HORIZONTAL CRACKS TO BE LESS THAN 1/6TH WALL THICKNESS VERTICAL CRACKS TO BE LESS THAN 1/3RD WALL THICKNESS.

3.3 = ROCP3.

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2.6. FLOOR

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3.5. OTHER ITEMS

JOIST TO BE IN CONTACT WITH JOIST, AT LEAST 1/4" OF SPAN FROM SUPPORTING WALLS, PLATES OR JOISTS. HOLE DIAMETERS TO BE MAXIMUM 1/4" OF JOIST DEPTH AND AT LEAST 3 DIAMETERS APART. BEKROUGED CONCRETE TO COVER: NOTCHES TO BE AT LEAST 11/16" AND NO MORE THAN 1/4" OF SPAN, AWAY FROM FACE OF SUPPORTING WALLS, PLATES OR JOISTS. ALL NOTCHES NO MORE THAN 1/8" OF JOIST HEIGHT.

USE EXISTING NOTCHES AND HOLES, WHERE PRACTICABLE. REMOVE FLOOR BOARDING AS NECESSARY TO DETERMINE JOIST SPANS. SPAN MEANS THE DISTANCE BETWEEN THE FACE OF SUPPORTING MASONRY (WALLS) NOT FACE OF FINISH.

4.0 - WINDOW

SAFETY GLAZING TO BE PROVIDED AT CRITICAL LOCATIONS TO BS 6206. THE OPENABLE AREA OF THE WINDOWS IS NOT TO BE LESS THAN 1% OF THE ROOM AREA. WINDOWS TO HAVE INSECT/NET (TICKLE VENT) IN FRAME. MIN. ROOMS² TO A HABITABLE ROOM. SAFETY GLAZING TO BE PROVIDED AT CRITICAL LOCATIONS TO BS 6206. TICKLE VENTILATORS TO ALL WINDOWS OF HABITABLE ROOMS LOCATED AT LEAST 1.7 M ABOVE FINISHED FLOOR LEVEL.

E. O. HEATHMAN

DOMESTIC HOT WATER KNOWN/TO BE UNIFIED INTO NEW SYSTEM - ALSO REFER TO NOTED ON PART 1.1. THERMODYNAMIC RADIANT VALUES ARE TO BE PROVIDED ON ALL NEW RADIATORS AND ALL ASSOCIATED PIPING/TO BE INSULATED IN ACCORDANCE WITH PART 1.1 OF THE BUILDING REGULATIONS.

EXISTING BOILER TO BE REPLACED WITH SECURE BOILER WITH MINIMUM EFFICIENCY OF 70%, CAPACITY TO SUIT EXTENSION TO EXISTING HEATING SYSTEM.

9.0 - CONSERVATION OF FUEL AND POWER

ALL NEW LIGHTING TO CONSIST OF COMPACT FLUORESCENT LAMPS.
ROBUST CONSTRUCTION DETAILS AS REFERENCED IN PART 1.1 OF THE BUILDING REGULATIONS MUST BE FOLLOWED /
ADHERED TO AT ALL TIMES.
ALSO REFER TO M10.4 VALUES, STRUCTURAL NOTES AND DOMESTIC HW SYSTEM NOTES.

7.0 - DRAINAGE

7.1 - BELOW GROUND DRAINAGE - PRIVATE SEWERS
SEWER DRAINAGE SYSTEM OF PROPOSED MANUFACTURING BUILDING ON AND SURROUNDING IN 150MM OF PEK GRAVEL LAY TO A GRADIENT AS INDICATED ON THE SITE PLAN. MINIMUM COVER TO BE 450MM AND DRAIN TO BE CONNECTED INTO EXISTING MAINLINE. PROPRIETARY DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH APPROPRIATE BS AND

ACCESS POINTS WILL BE PROVIDED ON OR NEAR THE HEAD OF EACH DRAINAGE KILN, CHANGING DIRECTION OR END POINT. SUBMITTALS: SUBMITTALS TO BE MADE WITHIN 45 DAYS OF SUBMITTAL.

ALL NEW UNDERGROUND DRAINAGE TO BE 100mm DIA VITRIFIED-CLAY PERFORATED BY HYPOWORTH DE SQUAL APPROVED WITH FLEXIBLE NEOPRENE JOINTS BEDDED ON AND SURROUNDED IN MINIMUM 150mm LINEDSTONE CHIPPINGS, LAID TO MINIMUM 1:40 FALLS AND CONNECTED TO EXISTING DRAINS UNLESS SPECIFIED OTHERWISE. ALL INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS / RECOMMENDATIONS.

THE LENGTH OF THE
LIMB FROM THAT SHOW
DEVELOPE, AND OTHER

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7.2 - ABOVE GROUND DRAINAGE:
SPIC RAINWATER GOULD TO MATCH EXISTING, HIGH CAPACITY UPVC GUTTERS BY HOPWORTH DRAINAGE PRODUCTS OR EQUAL AND APPROVED MANUFACTURER. RAINWATER OUTLETS TO DISCHARGE SURFACE WATER INTO 6" OR 8" RAIN WATER PIPES AND ACCORD TO LOCAL AUTHORITY CONDITIONS AND DISCHARGE INTO BACK INLET GULLIES.

EXISTING GROUND FLOOR PLAN



EXISTING SIDE ELEVATION



PROPOSED SIDE ELEVATION

ARKOS DESIGN AND BUILD

16/02/22

16/03/22	1/4
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16/03/23

Coping: 41 (4-100)

Scale: A1/1:100

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