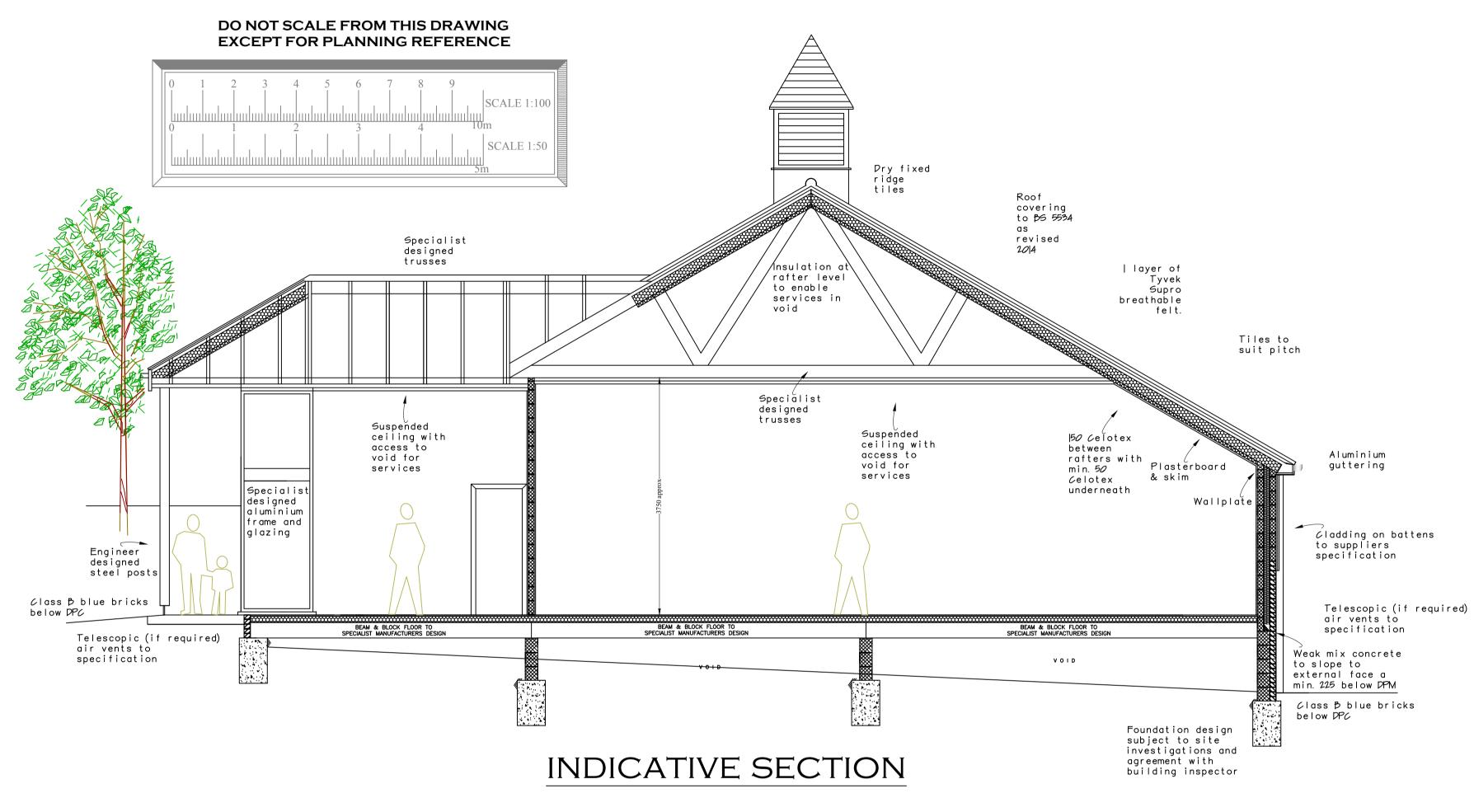
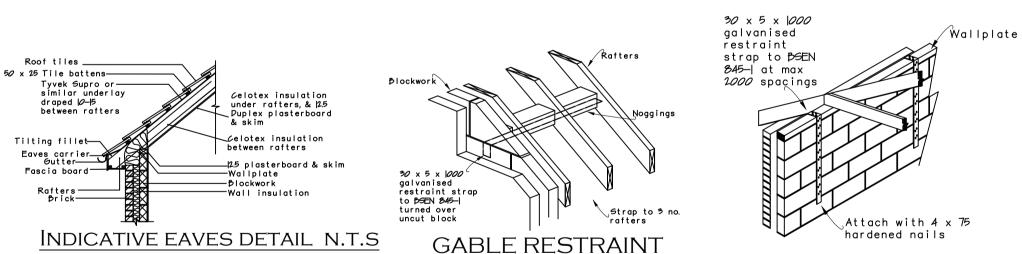
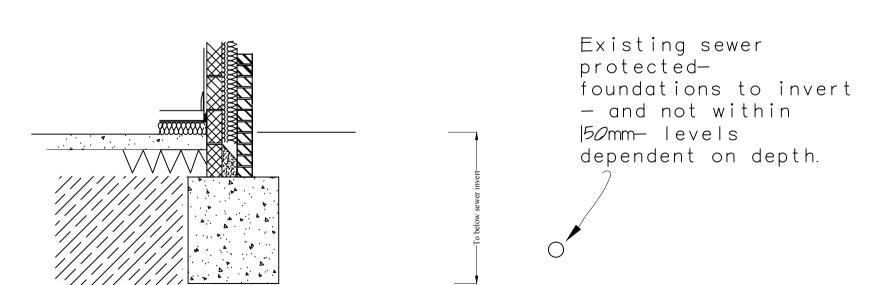
# INDICATIVE FOR TENDERING ONLY

INSULATION LEVELS SUBJECT TO SBEM CALCULATIONS







WALLPLATE RESTRAINT

STW SEWER DETAIL

#### FOUNDATIONS.

NEW FOOTINGS TO BE 600 TRENCH FILL FOUNDATIONS TO ENGINEERS DESIGN, MINIMUM BASE DEPTH OF 1000 BELOW NATURAL GROUND LEVEL- 2500+ POTENTIAL, TO BELOW INVERT OF ADJACENT DRAINS. EXACT DEPTH TO BE AGREED ON SITE WITH BUILDING INSPECTOR. IN LINE WITH NHBC CHAPTER 4.2 TABLES CONCRETE TO BE GEN 1 BS 5328 PT2.

## EXTERNAL WALLS (U-VALUE <0.28 W/M²K)

WALLS TO BE FACING BRICKS OR TIMBER CLADDING. 95 CAVITY WITH 85 DRI-THERM 32 OR ISOVER HI-CAV 32 OR SIMILAR SLAB INSULATION. 100 TARMAC TOPLITE STANDARD BLOCKS OR SIMILAR LEAF. STAINLESS STEEL WALL TIES TO BS EN 845-1 (TABLE 5 AD A) @ 750 HORIZONTAL AND 450 MAX VERTICAL CENTRES STAGGERED AND EVERY 300 WITHIN 225 OF OPENINGS. POLYMER DPC TO BS 743 MINIMUM 150 ABOVE GROUND LEVEL. MORTAR TO BE 1:3 BELOW DPC AND 1:4 MIX ABOVE. SUITABLY PLACE MOVEMENT JOINTS AT MAXIMUM 15M SPACINGS.

#### STEELWORK

FRAME TO ENGINEERS DESIGN INCLUDING REQUIRED FIRE PROTECTION.

#### GROUND FLOOR (U-VALUE < 0.18W/M<sup>2</sup>K)

FINISH TO CLIENTS SPECIFICATION. 75 SCREED ON BLOCK AND BEAM FLOOR TO SUPPLIERS DESIGN, ON 500 GAUGE POLYTHENE VAPOUR CONTROL LAYER (VCL) ON 75 CELOTEX ON 1200 GAUGE DPM TURNED UP AT PERIMETER WITH 25 POLYSTYRENE UPSTANDS. 150 MINIMUM VOID WITH COMPACTED CLEAN INERT HARDCORE. APPLY WEEDKILLER IF REQUIRED. VENTILATE VOID WITH RYTONS AIR VENTS AT 2000 SPACINGS AND NO MORE THAN 450 FROM ENDS. DPM TO JOIN DPC. BUILDER TO CHECK FLOOR LEVELS. MOVEMENT JOINTS TO ENGINEERS DESIGN.

#### ROOF (U-VALUE < 0.15M<sup>2</sup>K)

TILES TO SUIT PITCH. TYPE AGREED WITH CLIENT, TO COLOUR AS APPROVED BY CLIENT, LAID AS PER MANUFACTURERS INSTRUCTIONS. ALL ON 50 x 24 TANILISED SW BATTENS ON 1 LAYER OF BREATHABLE FELT 'TYVEK SUPRO' OR 'KLOBER PERMO FORTE' LAID AS PER MANUFACTURERS INSTRUCTIONS INCLUDING EAVES CARRIERS & 10-15 DRAPE. SPECIALIST DESIGNED TRUSS ROOF ON TO 75 x 100 SW WALL PLATES FIXED TO WALL WITH 1200 x 38 x 5 STEEL STRAPS @ MAX 2000 CENTRES. INSULATE WITH 150 CELOTEX BETWEEN RAFTERS WITH AIR GAP TO TOP. 50 MIN. CELOTEX UNDER. WALL AND ROOF INSULATION TO BE CONTINUOUS. 12.5 FOIL BACKED (DUPLEX) PLASTERBOARD AND SKIM COAT TO SLOPING PARTS-SUSPENDED CEILING TO LEVEL PARTS. BASIC WORKMANSHIP DETAILS FOR TIMBERS TO TRADA DETAILS.

#### INTERNAL WALLS

100 WIDE BLOCKWORK WALLS TO ENGINEERS DESIGN.

## DOORS

TO CLIENTS SPECIFICATION.

## BELOW GROUND DRAINS

ANY DRAINAGE TO BS 8301. CONTRACTOR TO ASCERTAIN ALL LEVEL, INVERTS AND DIRECTIONS BEFORE WORK COMMENCES ON DRAINS. 100 DIA UPVC DRAIN PIPES TO BS 4660 (1:40 FALL) WITH FLEXIBLE JOINTS, SURROUNDED BY 100 PEA GRAVEL, IF WITHIN 300 OF SLAB THEN ENCASE IN CONCRETE WITH EXPANSION JOINTS. WHERE PASSING THROUGH WALL RC LINTEL OVER AND LEAVE 50 GAP FILLED WITH FLEXIBLE NON DECAYING FILLER, OR USE ROCKER PIPES. ALL TRAPPED GULLIES TO BE RODDABLE, MOUNTED ON 100 CONCRETE. ENSURE ALL DIRECTIONS ARE RODDABLE. BUILDER TO LOCATE BEST CONNECTIONS.

## OLDEN TO LOCATE BEST

RAINWATER DRAINS
CONTRACTOR TO ASCERTAIN ALL LEVEL, INVERTS AND DIRECTIONS BEFORE WORK
COMMENCES ON DRAINS. PROPRIETARY ALUMINIUM GUTTER SYSTEM.
SW MINIMUM FALL 1:80. ENSURE ALL DIRECTIONS ARE RODDABLE.

## CONTINUITY OF INSULATION & AIRTIGHTNESS

BUILDING FABRIC CONSTRUCTED IN LINE WITH TSO ROBUST DETAILS CATALOGUE 'LIMITING THERMALBRIDGING AND AIR LEAKAGE.

## HEATING

TO CLIENTS SPECIFICATION.

## VENTILATION

PROVIDE SPECIALIST DESIGNED VENTILATION SYSTEM TO RELEVANT ROOMS.

## FIRE ALARMS

BREAK PADS AND SOUNDERS IN LINE WITH BS 5839 PT1 - 2013.

## FIRE AND HEAT DETECTORS

EXISTING TO BS 5839 PT 1-2013, BS EN54-5 AND 7.

## EMERGENCY LIGHTING

EXISTING DESIGNED AND INSTALLED TO BS5266-2011 AND BS EN 50172-2004/BS 5266 PT 8-2004

# FIRE SAFETY INFORMATION THE FIRE SAFETY STRATEGY

THE FIRE SAFETY STRATEGY TO BE SUPPLIED UPON COMPLETION TO THE RESPONSIBLE PERSON AS DEFINED IN THE REGULATORY REFORM (FIRE SAFETY) ORDER 2005.

## FIRE SIGNAGE

PROVIDED TO BS 5499

## ELECTRICS

ALL TO CURRENT I.E.E & N.I.C.E.I.C REGULATIONS. ELECTRICS TO CLIENTS SPECIFICATION.

## INFORMATION

ALL OPERATION AND MAINTENANCE INFORMATION TO BE PROVIDED FOR THE FIXED BUILDING SERVICES TO THE OWNER.

## WOODWORK

SKIRTINGS, ARCHITRAVES, DOORS, SOFFITS ETC TO MATCH EXISTING & TO CLIENTS SATISFACTION.

GENERAL NOTES.

NO DIMENSIONS TO BE TAKEN FROM
THIS DRAWING. ALL DIMENSIONS
STATED ARE METRIC MILLIMETRES. ALL
LEVELS, INVERTS AND DIMENSIONS TO
BE CHECKED ON SITE BEFORE AND
DURING WORK.

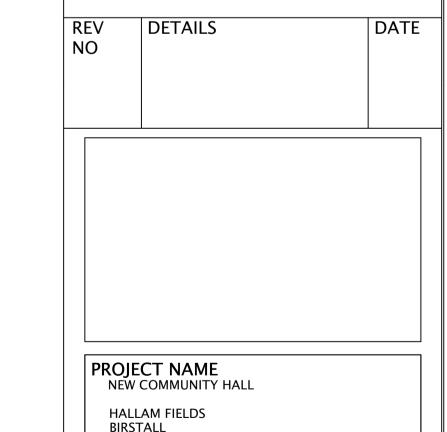
ALL WORK IS TO BE CARRIED OUT IN
LINE WITH CURRENT BUILDING
REGULATIONS, RELEVANT CODES OF
PRACTICE, BRITISH & EUROPEAN
STANDARDS AND MANUFACTURERS
SPECIFICATIONS TO THE BUILDING
INSPECTORS SATISFACTION, AND IN
ACCORDANCE WITH PUBLIC AND PRIVATE
UTILITIES REGULATIONS.
NO WORK TO ENCROACH BOUNDARY

IT IS THE CLIENTS RESPONSIBILITY TO ISSUE ANY 'PARTY WALL ACT 1996' NOTICE NECESSARY BEFORE ANY WORK COMMENCES ON THE BOUNDARY.
IT IS THE CLIENTS RESPONSIBILITY TO ENSURE ANY WORK SHOWN ON THIS PLAN DOES NOT CONTRAVENE ANY

COVENENTS.
IT IS THE CLIENTS/ BUILDERS
RESPONSIBILTY TO CHECK THE EXACT
POSITION OF ALL SERVICES TO INCLUDE
GAS, ELECTRICITY, WATER AND
TELEPHONE, AND POSITION, OWNERSHIP
AND DEPTHS OF FOUL AND RAINWATER
DRAINAGE.

THE EXACT SPECIFICATION OF FINISHES, FITTINGS AND SERVICES TO BE INSTRUCTED BY THE CLIENT.
ANY DEVIATION FROM THESE PLANS SHOULD BE NOTIFIED TO THE LA BULDING INSPECTOR AND AMLI DESIGN. IT IS THE CONTRACTORS RESPONSIBILTY TO NOTIFY THE BUILDING INSPECTOR WHEN THE WORK IS READY FOR THE RELEVANT INSPECTIONS AND FOR THE CLIENTS RECEIPT OF THE COMPLETION CERTIFICATE.
IT IS ASSUMED NO PUBLIC SEWERS

IT IS ASSUMED NO PUBLIC SEWERS
CROSS THE SITE.
THE CONTRACTOR IS ASSUMED TO HAVE
VISITED SITE BEFORE TENDERING.
THIS DRAWING HAS BEEN PREPARED FOR
LA PLANNING & BUILDING CONTROL
CONSENT ONLY. UNTIL APPROVALS
HAVE BEEN OBTAINED THESE DRAWINGS
REMAIN PRELIMINARY. WORK SHOULD
NOT COMMENCE OR MATERIALS ORDER
UNTIL APPROVAL IS OBTAINED.
COPYRIGHT REMAINS WITH AMLI DESIGN.



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DEC 2017



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