

Level Drainage

ALL ALTERATIONS, ADDITIONS AND RE-ROOFINGS TO THE EXISTING INSTALLATION MUST BE CARRIED OUT IN FULL COMPLIANCE WITH THE EXISTING AND RIGHTS OF DRAINAGE PROVIDED BY THE DEEDS OF CONVEYANCE AND IN ACCORDANCE WITH THE PARTY WALLS, ETC. ACT. THE OWNER(S) / OCCUPIER(S) OF THE ADJOINING / ADJACENT AFFRONT PROPERTY MUST BE ADVISED OF THE EXTENT OF THE WORKS AND A PRIOR PROGRAMME OF WORK NOTIFICATION ISSUED. ALL ROOFS, FITTINGS + INSTALLATION DETAILS TO BE FINISHED ON SITE. MATERIALS WITH BUILDING CONTROL INSPECTION AT TIME OF EVALUATION.

ALL ROOFS TO HAVE MIN. 75 mm SEAL TRAPS. WASTE PIPE TO BE OSMA PVCU TO THE FOLLOWING SIZES:-
SINK, 40 mm DIAMETER.
BATH, 32 mm DIAMETER.
WASHLINE WASTE, 40 mm DIAMETER.
TRAP + STAMP PIPE.

22.5° ROOF PITCH.
COOL & WARM SPARKS + STEEPED FLASHINGS.
EARTH DETAILS + RAINWATER GOODS TO MATCH EXG.
PVCU CAPING 105 mm FINE BRICK WALL.
200 mm RAINWATER OVERDRAIN TO NEW STAKESMAN.

DETERMINED PLAN

SECTION A-A.

OSMA SCALE INTERNAL INSULATION JUNCTION REF. 440492 IN MAIN CONCRETE CHAMBER. 1200 G. POLYTHENE MINIBLANKET TO ENSURE CHANNEL AND WITH POLYURETHANE INSULATION BATTES FILL AND WITH SUTLED FILLIO STRIP OVER LEAK + FRAME.

APPROX. RAISED LINE OF EXISTING FOUL DRAIN.

SHED. TO BE RE-SITED.

EXISTING INSULATION CHANNEL.

NEW OSMA UNIVERSAL CHANNEL.

EXISTING INSULATION CHANNEL.

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NEW WINDOWS.

ALL NEW WINDOW FRAME TO MATCH EXISTING. ALL DOUBLE GLAZED WITH DOUBLE GLASS 4mm O.D.S. CAVITY BETWEEN PANEES MINIMUM 16 mm.

EACH FRAME TO INCORPORATE 6000 mm² TRIPLE UNIT. DOWN GLAZING TO BE IN SAFETY GLASS TO PART NI OF THE BUILDING REGULATIONS.

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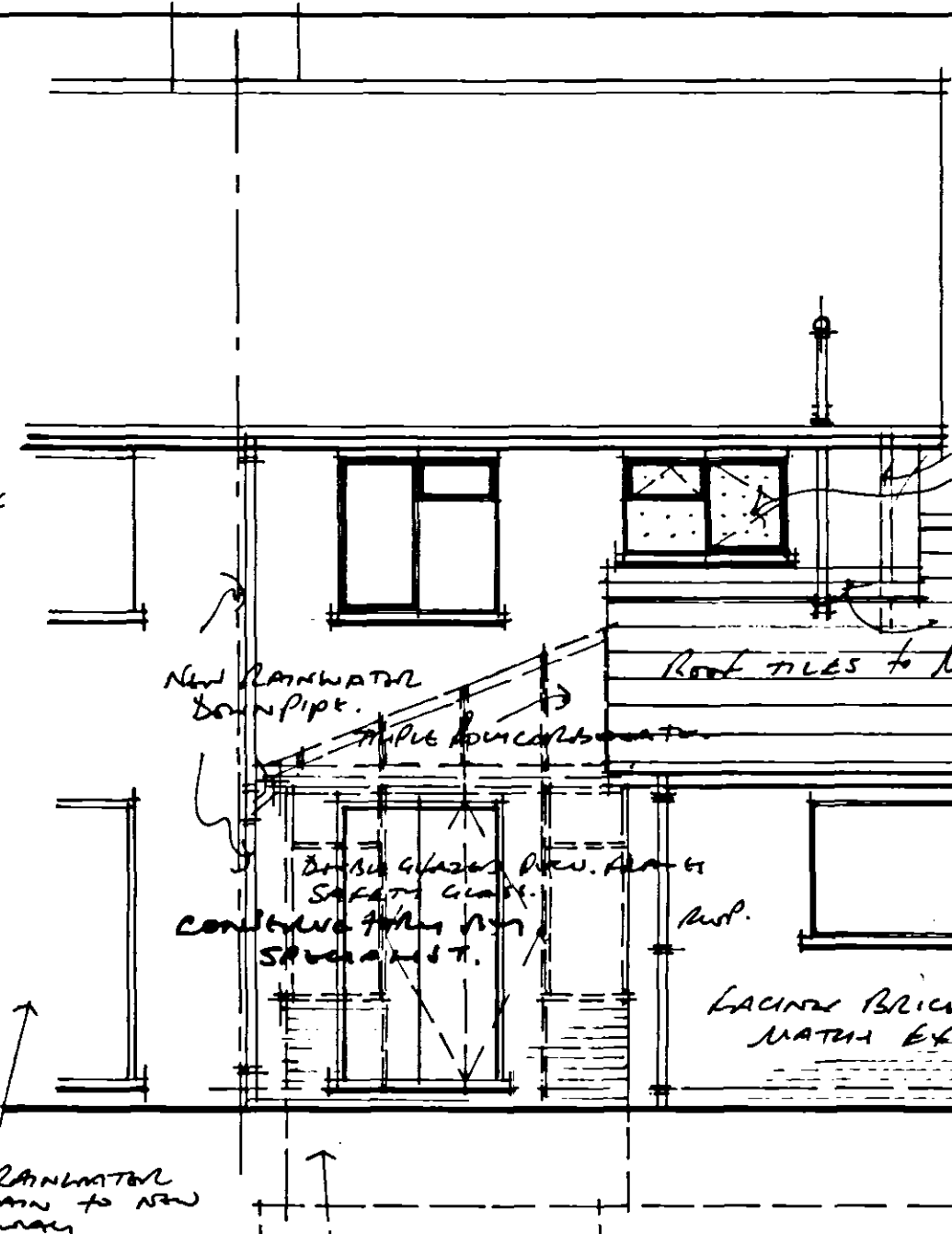
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REAR ELEVATION AS PROPOSED.

EAST HAND ON EXISTING SOIL DRAIN.

ROOF STAIR TILES + CHIMNEYS.

ROOFS TO BE LAPPED WITH INTERLOCKING CONCRETE TILES TO MATCH EXISTING HOUSE ROOF. ALL FIXED IN ACCORDANCE WITH TILE MANUFACTURERS SPECIFICATIONS + RECOMMENDATIONS. ALL HAVING REGARD TO 22.5° ROOF PITCH. WINDSPEED + EXPOSURE RATING AND WITH S.W. ROOFING LATUS TO APPROPRIATE SIZE + GAUGE ON UNDERLAY + 135 TILT TYPE 1 (P) OR OTHER APPROVED SARKING FELT. ALL HORIZONTAL + SIDE JOINTS TO FET TO LAP MIN. 150 mm WITH RAFTER OR CROSS BRACING.

PURIFICATION RATHER THAN ROOF STRUCTURE TO BE DESIGNED BY SPECIALIST. ALL DESIGN DETAILS AND CALCULATIONS TO BE SUBMITTED TO AND APPROVED BY BUILDING CONTROL PRIOR TO BEGINNING.

ROOF CHIMNEYS + STRUCTURES TO INCLUDE FOR ALL APPROPRIATE + NECESSARY LOSING + MATERIALS. ALL VENTS, RIDGE AND GABLE DETAILS TO MATCH EXISTING INCLUDING CONTINUOUS EARTH UNIFORMITY TO ROOF VOIR EQUIVALENT TO 10 mm WIDE. 75 x 100 mm WALL PLATES TO BE PROVIDED TO RECEIVE ROOF STRUCTURES. BOX 5 GAUG. INS. ANCHORS TO WALL PLATES + 3 x 5 GAUG. LATERAL RESTRAINT STRIPS TO RAFTERS + CEILING TIES OVER MIN. 3 NO UNITS TO BE PROVIDED AT MAXIMUM 2 METRE CANTERS.

ROOF VOID INSULATION TO COMPRISE 250 mm CROWN TS, BUILT IN 2 LAYERS. FIRST LAYER 100 mm THICK BETWEEN CHIMNEY TIES - SECOND LAYER 150 mm THICK OVER FIRST LAYER AT RIGHT ANGLES.

SUBSTRUCTURE WALLS.

250 mm CAVITY WALLS TO COMPRISE - FINE BRICK OVER LEAK TO MATCH EXISTING, 75 mm CAVITY FULLY FILLED WITH 300 mm INSULATION BATTES AND 100 mm THERMALITE SHIELD 2000 BLOCK INNER LEAF. LEAFS OF CAVITY WALLING TIED TO EACH OTHER WITH STOUT GALV. IRON TWIST TIES AT 500 mm. HORIZONTAL CANTERS AND 450 mm VERTICAL CANTERS (REDUCED TO 225 mm VERTICAL CANTERS AT ALL RETIAL CLOSURES).

DANCOR INSULATED CAVITY CLOSURE TO BE INSTALLED BEHIND FINE BRICK TO ALL RETIAL CLOSURES.

CATNAC 'LONGAN' LINTEL TO BE PROVIDED OVER ALL OPENINGS IN CAVITY WALLING ALL HAVING MIN. 150 mm END BEARINGS + INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS.

INTERNAL WALLS TO COMPRISE 100 mm. THERMALITE SHIELD 2000 BLOCKS WITH CATNAC INTERNAL LINTEL OVER DOOR OPENINGS - 150 mm MIN END BEARINGS ALL TO MANUFACTURERS' INSTALLATION INSTRUCTIONS. ALL NEW WALLS TO BE BOUND TO EXISTING AT ABUTMENTS WITH LEXCEL 'BONDING' PRODUCTS.

DAMP PROOF. COURSE.

HEAVY DUTY PVCU DAMP PROOF LEASE TO BE PROVIDED TO ALL ROOMS. MIN. 150 mm ABOVE GROUND / PAVING LEVEL AND TO WORK WITH THOSE TO EXISTING WALLS AT ABUTMENTS.

SUB-STRUCTURE WALLS.

SUB-STRUCTURE WALLS FOR CAVITY WALLING TO COMPRISE 2 NO. LEAFS THERMALITE SHIELD 2000 BLOCKS WITH 75 mm CAVITY FULLY FILLED LEAN-MIX CONCRETE TO GROUND LEVEL. CHANGE OUTER LEAF TO ELONGATE FINE BRICK IN CONCRETE MORTAR TO EXPOSED SURFACE RELEV DPL. - LEAVE TO MATCH MAIN FINE BRICK.

SUB-STRUCTURE WALLS FOR 100 mm INNER WALLS TO COMPRISE 100 mm THERMALITE SHIELD 2000 BLOCKS.

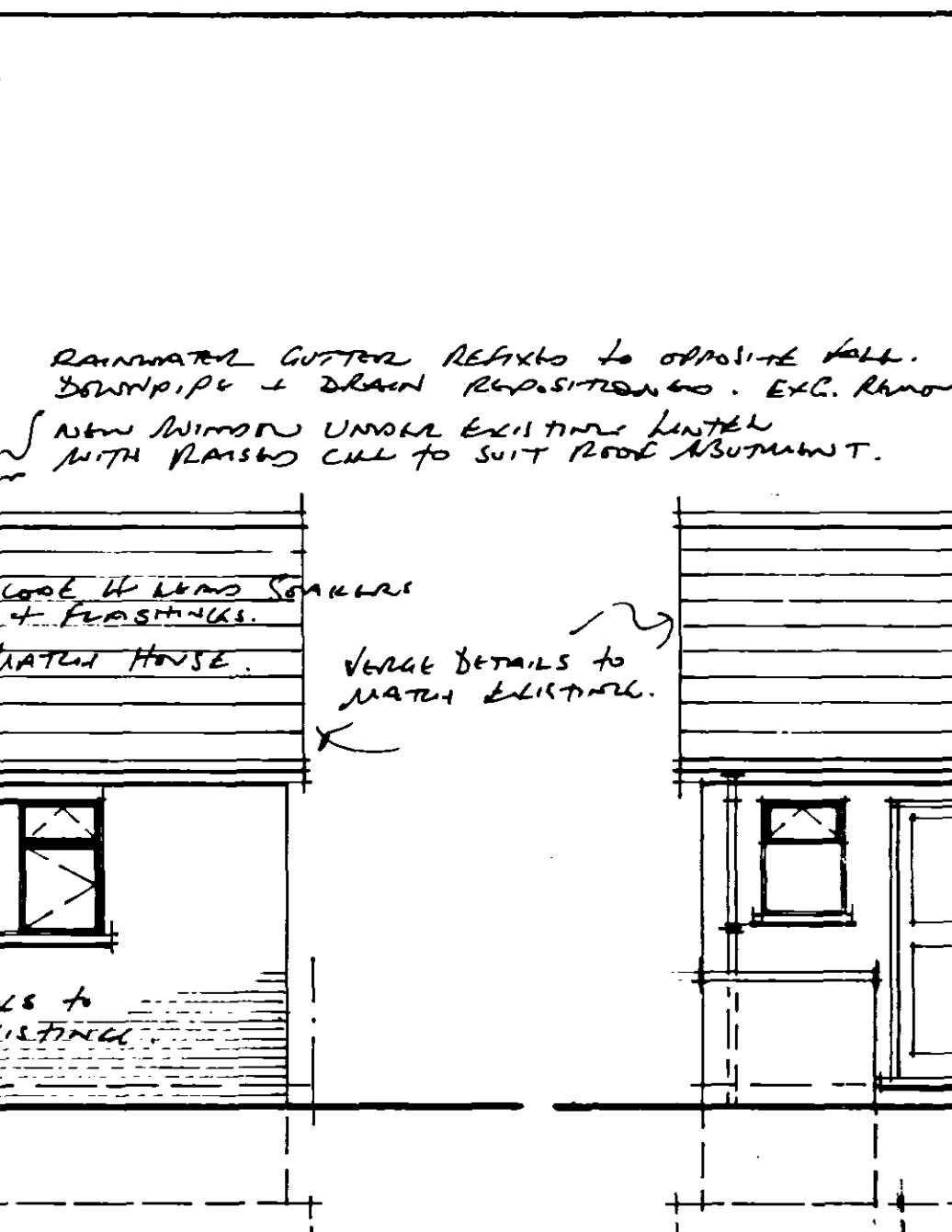
FOUNDATIONS.

SUBJECT TO GROUND CONDITIONS + BUILDING CONTROL INSPECTOR'S INSPECTION + APPROVAL AT TIME OF EVALUATION TO COMPRISE 1:3:6 (18M) O.P. CONCRETE STRIP TO THE FOLLOWING DIMENSIONS:- 700 x 225 THICK FOR 250 mm CAVITY WALLS AND 450 x 225 THICK FOR 100 mm INTERNAL WALLS. ALL / ANY SETBACKS AND / OR OTHER UNSUITABLE SUB-STRATA TO BE CONSOLIDATED TO BUILDING CONTROL APPROVAL.

FLOOR CONSTRUCTION.

FLOOR TRAPING TO FINISH AT SAME LEVEL AS EXISTING FLOOR.

FLOORS TO COMPRISE:- 50 mm 1:3 CT / SAND + GRAN. 100 mm DUCASITE 1:2:4 (18M) CONCRETE. 48 mm CLAYED GARDOL FLOOR INSULATION WITH VERTICAL EDGE TO EXTERNAL WALL ABUTMENTS. 1200 G. POLYURETHANE MEMBRANE TURNED UP TO + INTO DPL. UNLIE AT ALL SMALL ABUTMENTS. ALL JOINTS IN MEMBRANE TO OVERLAP MIN. 450 mm. MIN. 150 mm MORE CONSOLIDATED LIME STONE HARDWARE BLINDS WITH SAND TO RECEIVE MEMBRANE. TOP STRIP + EXCAVATION TO SUIT ABOVE FLOOR CONSTRUCTION.



FRONT ELEVATION AS PROPOSED.

EAST HAND ON EXISTING SOIL DRAIN.

ROOF STAIR TILES + CHIMNEYS.

ROOFS TO BE LAPPED WITH INTERLOCKING CONCRETE TILES TO MATCH EXISTING HOUSE ROOF. ALL FIXED IN ACCORDANCE WITH TILE MANUFACTURERS SPECIFICATIONS + RECOMMENDATIONS. ALL HAVING REGARD TO 22.5° ROOF PITCH. WINDSPEED + EXPOSURE RATING AND WITH S.W. ROOFING LATUS TO APPROPRIATE SIZE + GAUGE ON UNDERLAY + 135 TILT TYPE 1 (P) OR OTHER APPROVED SARKING FELT. ALL HORIZONTAL + SIDE JOINTS TO FET TO LAP MIN. 150 mm WITH RAFTER OR CROSS BRACING.

PURIFICATION RATHER THAN ROOF STRUCTURE TO BE DESIGNED BY SPECIALIST. ALL DESIGN DETAILS AND CALCULATIONS TO BE SUBMITTED TO AND APPROVED BY BUILDING CONTROL PRIOR TO BEGINNING.

ROOF CHIMNEYS + STRUCTURES TO INCLUDE FOR ALL APPROPRIATE + NECESSARY LOSING + MATERIALS. ALL VENTS, RIDGE AND GABLE DETAILS TO MATCH EXISTING INCLUDING CONTINUOUS EARTH UNIFORMITY TO ROOF VOIR EQUIVALENT TO 10 mm WIDE. 75 x 100 mm WALL PLATES TO BE PROVIDED TO RECEIVE ROOF STRUCTURES. BOX 5 GAUG. INS. ANCHORS TO WALL PLATES + 3 x 5 GAUG. LATERAL RESTRAINT STRIPS TO RAFTERS + CEILING TIES OVER MIN. 3 NO UNITS TO BE PROVIDED AT MAXIMUM 2 METRE CANTERS.

ROOF VOID INSULATION TO COMPRISE 250 mm CROWN TS, BUILT IN 2 LAYERS. FIRST LAYER 100 mm THICK BETWEEN CHIMNEY TIES - SECOND LAYER 150 mm THICK OVER FIRST LAYER AT RIGHT ANGLES.

SUBSTRUCTURE WALLS.

250 mm CAVITY WALLS TO COMPRISE - FINE BRICK OVER LEAK TO MATCH EXISTING, 75 mm CAVITY FULLY FILLED WITH 300 mm INSULATION BATTES AND 100 mm THERMALITE SHIELD 2000 BLOCK INNER LEAF. LEAFS OF CAVITY WALLING TIED TO EACH OTHER WITH STOUT GALV. IRON TWIST TIES AT 500 mm. HORIZONTAL CANTERS AND 450 mm VERTICAL CANTERS (REDUCED TO 225 mm VERTICAL CANTERS AT ALL RETIAL CLOSURES).

DANCOR INSULATED CAVITY CLOSURE TO BE INSTALLED BEHIND FINE BRICK TO ALL RETIAL CLOSURES.

CATNAC 'LONGAN' LINTEL TO BE PROVIDED OVER ALL OPENINGS IN CAVITY WALLING ALL HAVING MIN. 150 mm END BEARINGS + INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS PRINTED INSTRUCTIONS.

INTERNAL WALLS TO COMPRISE 100 mm. THERMALITE SHIELD 2000 BLOCKS WITH CATNAC INTERNAL LINTEL OVER DOOR OPENINGS - 150 mm MIN END BEARINGS ALL TO MANUFACTURERS' INSTALLATION INSTRUCTIONS. ALL NEW WALLS TO BE BOUND TO EXISTING AT ABUTMENTS WITH LEXCEL 'BONDING' PRODUCTS.

DAMP PROOF. COURSE.

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SUB-STRUCTURE WALLS.

SUB-STRUCTURE WALLS FOR CAVITY WALLING TO COMPRISE 2 NO. LEAFS THERMALITE SHIELD 2000 BLOCKS WITH 75 mm CAVITY FULLY FILLED LEAN-MIX CONCRETE TO GROUND LEVEL. CHANGE OUTER LEAF TO ELONGATE FINE BRICK IN CONCRETE MORTAR TO EXPOSED SURFACE RELEV DPL. - LEAVE TO MATCH MAIN FINE BRICK.

SUB-STRUCTURE WALLS FOR 100 mm INNER WALLS TO COMPRISE 100 mm THERMALITE SHIELD 2000 BLOCKS.

FOUNDATIONS.

SUBJECT TO GROUND CONDITIONS + BUILDING CONTROL INSPECTOR'S INSPECTION + APPROVAL AT TIME OF EVALUATION TO COMPRISE 1:3:6 (18M) O.P. CONCRETE STRIP TO THE FOLLOWING DIMENSIONS:- 700 x 225 THICK FOR 250 mm CAVITY WALLS AND 450 x 225 THICK FOR 100 mm INTERNAL WALLS. ALL / ANY SETBACKS AND / OR OTHER UNSUITABLE SUB-STRATA TO BE CONSOLIDATED TO BUILDING CONTROL APPROVAL.

FLOOR CONSTRUCTION.

FLOOR TRAPING TO FINISH AT SAME LEVEL AS EXISTING FLOOR.

FLOORS TO COMPRISE:- 50 mm 1:3 CT / SAND + GRAN. 100 mm DUCASITE 1:2:4 (18M) CONCRETE. 48 mm CLAYED GARDOL FLOOR INSULATION WITH VERTICAL EDGE TO EXTERNAL WALL ABUTMENTS. 1200 G. POLYURETHANE MEMBRANE TURNED UP TO + INTO DPL. UNLIE AT ALL SMALL ABUTMENTS. ALL JOINTS IN MEMBRANE TO OVERLAP MIN. 450 mm. MIN. 150 mm MORE CONSOLIDATED LIME STONE HARDWARE BLINDS WITH SAND TO RECEIVE MEMBRANE. TOP STRIP + EXCAVATION TO SUIT ABOVE FLOOR CONSTRUCTION.



FRONT ELEVATION AS PROPOSED.

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ROOF STAIR TILES + CHIMNEYS.

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SUBSTRUCTURE WALLS.

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INTERNAL WALLS TO COMPRISE 100 mm. THERMALITE SHIELD 2000 BLOCKS WITH CATNAC INTERNAL LINTEL OVER DOOR OPENINGS - 150 mm MIN END BEARINGS ALL TO MANUFACTURERS' INSTALLATION INSTRUCTIONS. ALL NEW WALLS TO BE BOUND TO EXISTING AT ABUTMENTS WITH LEXCEL 'BONDING' PRODUCTS.

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SUB-STRUCTURE WALLS.

SUB-STRUCTURE WALLS FOR CAVITY WALLING TO COMPRISE 2 NO. LEAFS THERMALITE SHIELD 2000 BLOCKS WITH 75 mm CAVITY FULLY FILLED LEAN-MIX CONCRETE TO GROUND LEVEL. CHANGE OUTER LEAF TO ELONGATE FINE BRICK IN CONCRETE MORTAR TO EXPOSED SURFACE RELEV DPL. - LEAVE TO MATCH MAIN FINE BRICK.

SUB-STRUCTURE WALLS FOR 100 mm INNER WALLS TO COMPRISE 100 mm THERMALITE SHIELD 2000 BLOCKS.

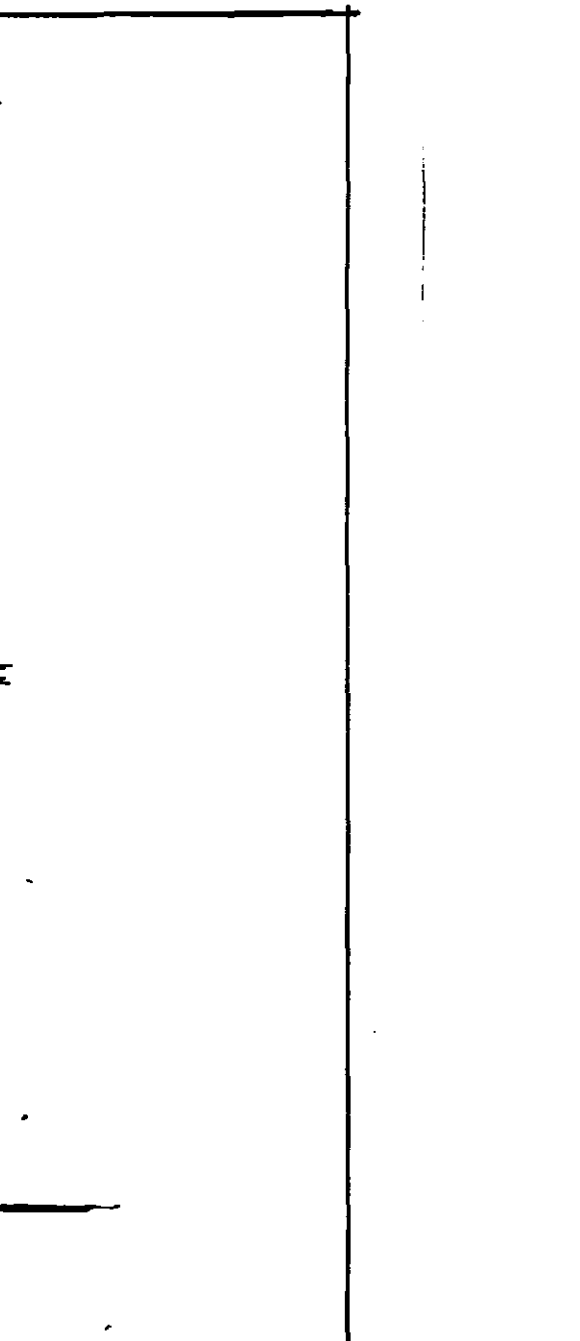
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FLOOR CONSTRUCTION.

FLOOR TRAPING TO FINISH AT SAME LEVEL AS EXISTING FLOOR.

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DAMP PROOF. COURSE.

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SUB-STRUCTURE WALLS.

SUB-STRUCTURE WALLS FOR CAVITY WALLING TO COMPRISE 2 NO. LEAFS THERMALITE SHIELD 2000 BLOCKS WITH 75 mm CAVITY FULLY FILLED LEAN-MIX CONCRETE TO GROUND LEVEL. CHANGE OUTER LEAF TO ELONGATE FINE BRICK IN CONCRETE MORTAR TO EXPOSED SURFACE RELEV DPL. - LEAVE TO MATCH MAIN FINE BRICK.

SUB-STRUCTURE WALLS FOR 100 mm INNER WALLS TO COMPRISE 100 mm THERMALITE SHIELD 2000 BLOCKS.

FOUNDATIONS.

SUBJECT TO GROUND CONDITIONS + BUILDING CONTROL INSPECTOR'S INSPECTION + APPROVAL AT TIME OF EVALUATION TO COMPRISE 1:3:6 (18M) O.P. CONCRETE STRIP TO THE FOLLOWING DIMENSIONS:- 700 x 225 THICK FOR 250 mm CAVITY WALLS AND 450 x 225 THICK FOR 100 mm INTERNAL WALLS. ALL / ANY SETBACKS AND / OR OTHER UNSUITABLE SUB-STRATA TO BE CONSOLIDATED TO BUILDING CONTROL APPROVAL.

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FLOOR TRAPING TO FINISH AT SAME LEVEL AS EXISTING FLOOR.

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PROPOSED ALTERATIONS + EXTENSIONS TO