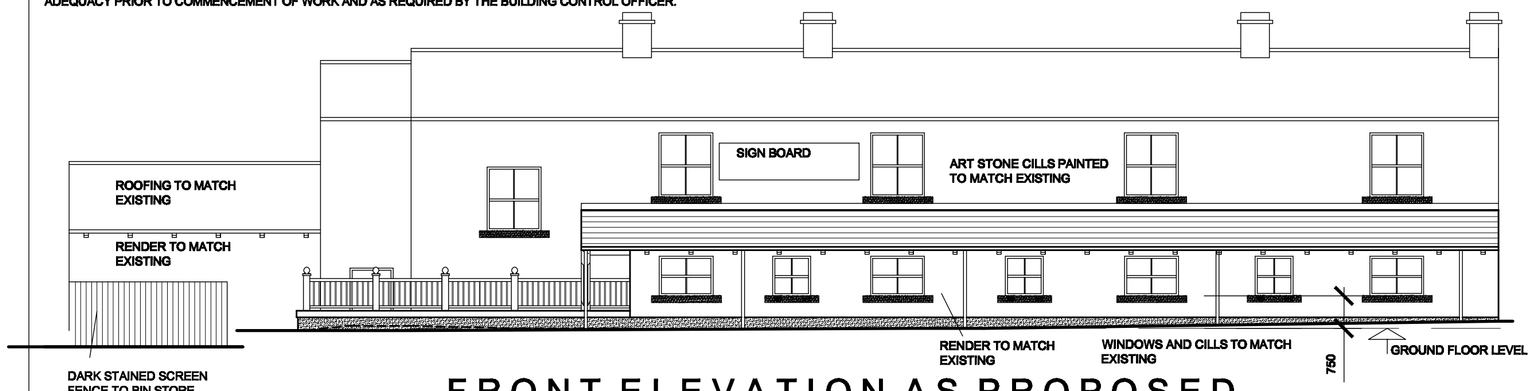
THERMAL BRIDGING
CARE SHALL BE TAKEN TO LIMIT THE OCCURRENCE OF THERMAL BRIDGING IN THE INSULATION LAYERS CAUSED BY GAPS WITHIN THE THERMAL ELEMENT, (I.E. AROUND WINDOWS AND DOOR OPENINGS). REASONABLE PROVISION SHALL ALSO BE MADE TO ENSURE THE EXTENSION IS CONSTRUCTED TO MINIMISE UNWANTED AIR LEAKAGE THROUGH THE NEW BUILDING FABRIC.

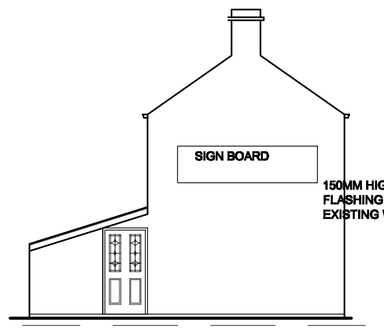
SITE PREPARATION
GROUND TO BE PREPARED FOR NEW WORKS BY REMOVING ALL UNSUITABLE MATERIAL, VEGETABLE MATTER AND TREE OR SHRUB ROOTS TO A SUITABLE DEPTH TO PREVENT FUTURE GROWTH. SEAL UP, CAP OFF, DISCONNECT AND REMOVE EXISTING REDUNDANT SERVICES AS NECESSARY. REASONABLE PRECAUTIONS MUST ALSO BE TAKEN TO AVOID DANGER TO HEALTH AND SAFETY CAUSED BY CONTAMINANTS AND GROUND GASES E.G. LANDFILL GASES, RADON, VAPOURS ETC. ON OR IN THE GROUND COVERED, OR TO BE COVERED BY THE BUILDING.

EXISTING STRUCTURE
EXISTING STRUCTURE INCLUDING FOUNDATIONS, BEAMS, WALLS AND LINTELS CARRYING NEW AND ALTERED LOADS ARE TO BE EXPOSED AND CHECKED FOR ADEQUACY PRIOR TO COMMENCEMENT OF WORK AND AS REQUIRED BY THE BUILDING CONTROL OFFICER.

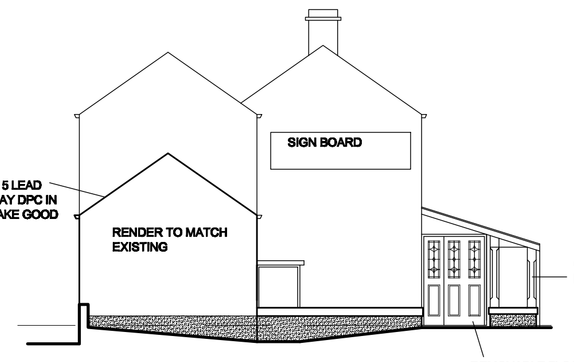


FRONT ELEVATION AS PROPOSED

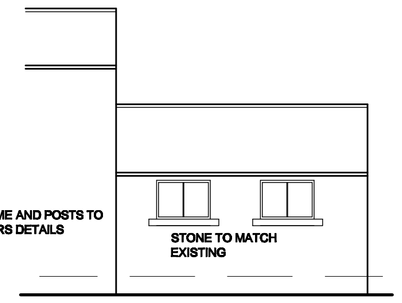
-WINDOWS TO BE SASH STYLE (SINGLE VERTICAL BAR, SINGLE TRANSOM) IN BLACK UPVC
-ROOF COVERINGS IN MARLEY ETERNIT BIRKDALE ARTIFICIAL BLUE SLATE (MIN 15 DEG PITCH)



SIDE ELEVATION AS PROPOSED



SIDE ELEVATION AS PROPOSED



REAR ELEVATION AS PROPOSED

STRIP FOUNDATION TO KITCHEN EXTENSION
PROVIDE 225MM X 900MM CONCRETE FOUNDATION, CONCRETE MIX TO CONFORM TO BS EN 206-1 AND BS 8500-2. ALL FOUNDATIONS TO BE A MINIMUM OF 900MM BELOW GROUND LEVEL, EXACT DEPTH TO BE AGREED ON SITE WITH BUILDING CONTROL OFFICER TO SUIT SITE CONDITIONS. ALL CONSTRUCTED IN ACCORDANCE WITH 2004 BUILDING REGULATIONS A1/2 AND BS 8004:1986 CODE OF PRACTICE FOR FOUNDATIONS. ENSURE FOUNDATIONS ARE CONSTRUCTED BELOW INVERT LEVEL OF ANY ADJACENT DRAINS. BASE OF FOUNDATIONS SUPPORTING INTERNAL WALLS TO BE MIN 600MM BELOW GROUND LEVEL. SULPHATE RESISTANT CEMENT TO BE USED IF REQUIRED.

WALLS BELOW GROUND
ALL NEW WALLS TO HAVE CLASS A BLOCKWORK BELOW GROUND LEVEL OR ALTERNATIVELY SEMI ENGINEERING BRICKWORK IN 1:4 MASONRY CEMENT OR EQUAL APPROVED SPECIFICATION. CAVITIES BELOW GROUND LEVEL TO BE FILLED WITH LEAN MIX CONCRETE MIN 225MM BELOW DAMP PROOF COURSE. OR PROVIDE LEAN MIX BACKFILL AT BASE OF CAVITY WALL (150MM BELOW DAMP COURSE) LAID TO FALL TO WEEPHOLES.

DPC
PROVIDE HORIZONTAL STRIP POLYMER (HYLOAD) DAMP PROOF COURSE TO BOTH INTERNAL AND EXTERNAL SKINS MINIMUM 150MM ABOVE EXTERNAL GROUND LEVEL. NEW DPC TO BE MADE CONTINUOUS WITH EXISTING DPC'S AND WITH FLOOR DPM. VERTICAL DPC TO BE INSTALLED AT ALL REVEALS WHERE CAVITY IS CLOSED.

WALL TIES
ALL WALLS CONSTRUCTED USING STAINLESS STEEL VERTICAL TWIST TYPE RETAINING WALL TIES BUILT IN AT 750MM CTRS HORIZONTALLY, 450MM VERTICALLY AND 225MM CTRS AT REVEALS AND CORNERS IN STAGGERED ROWS. WALL TIES TO BE SUITABLE FOR CAVITY WIDTH AND IN ACCORDANCE WITH BS 5268-6.1: 1996 AND BS EN 845-1: 2003

CAVITIES
PROVIDE CAVITY TRAYS OVER OPENINGS. ALL CAVITIES TO BE CLOSED AT EAVES AND AROUND OPENINGS USING THERMABATE OR SIMILAR NON COMBUSTIBLE INSULATED CAVITY CLOSERS. PROVIDE VERTICAL DPCS AROUND OPENINGS AND ABUTMENTS. ALL CAVITY TRAYS MUST HAVE 150MM UPSTANDS AND SUITABLE CAVITY WEEP HOLES (MIN 2) AT MAX 900MM CENTRES.

EXISTING TO NEW WALL
CAVITIES IN NEW WALL TO BE MADE CONTINUOUS WITH EXISTING WHERE POSSIBLE TO ENSURE CONTINUOUS WEATHER BREAK. IF A CONTINUOUS CAVITY CANNOT BE ACHIEVED, WHERE NEW WALLS ABUTS THE EXISTING WALLS PROVIDE A MOVEMENT JOINT WITH VERTICAL DPC. ALL TIED INTO EXISTING CONSTRUCTION WITH SUITABLE PROPRIETARY STAINLESS STEEL PROFILES.

RESTRAINT STRAPPIN G - CEILING JOISTS TIED TO RAFTERS (IF RAISED COLLAR ROOF CONSULT STRUCTURAL ENGINEER). 100MM X 50MM WALL PLATE STRAPPED DOWN TO WALLS. CEILING JOISTS AND RAFTERS TO BE STRAPPED TO WALLS AND GABLE WALLS, STRAPS BUILT INTO CAVITY, ACROSS AT LEAST 3 TIMBERS WITH NOGGINS. ALL STRAPS TO BE 1000 X 30 X 5MM GALVANIZED STRAPS OR OTHER APPROVED TO BSEN 845-1 AT 2M CENTRES.

LEAD WORK AND FLASHINGS
ALL LEAD FLASHINGS, ANY VALLEYS OR SOAKERS TO BE CODE 5 LEAD AND LAID ACCORDING TO LEAD DEVELOPMENT ASSOCIATION. FLASHINGS TO BE PROVIDED TO ALL JAMBS AND BELOW WINDOW OPENINGS WITH WELDED UPSTANDS. JOINTS TO BE LAPPED MIN 150MM AND LEAD TO BE DRESSED 200MM UNDER TILES, ETC. ALL WORK TO BE UNDERTAKEN IN ACCORDANCE WITH THE LEAD DEVELOPMENT ASSOCIATION RECOMMENDATIONS.

INTERNAL STUD PARTITIONS
100MM X 50MM SOFTWOOD TREATED TIMBERS STUDS AT 400MM CTRS WITH 50 X 100MM HEAD AND SOLE PLATES AND SOLID INTERMEDIATE HORIZONTAL NOGGINS AT 1/3 HEIGHT OR 450MM. PROVIDE MIN 10KG/M² DENSITY ACOUSTIC SOUNDPROOF QUILT TIGHTLY PACKED (EG. 100MM ROCKWOOL OR ISOWOOL MINERAL FIBRE SOUND INSULATION) IN ALL VOIDS THE FULL DEPTH OF THE STUD. PARTITIONS BUILT OFF DOUBLED UP JOISTS WHERE PARTITIONS RUN PARALLEL OR PROVIDE NOGGINS WHERE AT RIGHT ANGLES, OR BUILT OFF DPC ON THICKENED CONCRETE SLAB IF SOLID GROUND FLOOR. WALLS FACED THROUGHOUT WITH 12.5MM PLASTER BOARD WITH SKIM PLASTER FINISH. TAPED AND JOINTED COMPLETE WITH BEADS AND STOPS.

STAIRS
SPIRAL STAIR BY SPECIALIST TO COMPLY WITH BS 5395: STAIRS, LADDERS AND WALKWAYS: PART 2 1984. DETAILS TO BE SUBMITTED TO B.C.O. FOR APPROVAL A MINIMUM OF 28DAYS BEFORE INSTALLATION COMMENCES.

ELECTRICAL
ALL ELECTRICAL WORK REQUIRED TO MEET THE REQUIREMENTS OF PART P (ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A COMPETENT PERSON REGISTERED UNDER A COMPETENT PERSON SELF CERTIFICATION SCHEME SUCH AS BRE CERTIFICATION LTD, BSI, NICEIC CERTIFICATION SERVICES OR ZURICH LTD. AN APPROPRIATE BS7671 ELECTRICAL INSTALLATION CERTIFICATE IS TO BE ISSUED FOR THE WORK BY A PERSON COMPETENT TO DO SO. A COPY OF A CERTIFICATE WILL BE GIVEN TO BUILDING CONTROL ON COMPLETION.

INTERNAL LIGHTING
INSTALL LOW ENERGY LIGHT FITTINGS THAT ONLY TAKE LAMPS HAVING A LUMINOUS EFFICIENCY GREATER THAN 45 LUMENS PER CIRCUIT WATT AND A TOTAL OUTPUT GREATER THAN 400 LAMP LUMENS. NOT LESS THAN THREE ENERGY EFFICIENT LIGHT FITTINGS PER FOUR OF ALL THE LIGHT FITTINGS IN THE MAIN DWELLING SPACES TO COMPLY WITH PART L OF THE CURRENT BUILDING REGULATIONS AND THE DOMESTIC BUILDING SERVICES COMPLIANCE GUIDE.

HEATING
EXTEND ALL HEATING AND HOT WATER SERVICES FROM EXISTING AND PROVIDE NEW TVRS TO RADIATORS. HEATING SYSTEM TO BE DESIGNED, INSTALLED, TESTED AND FULLY CERTIFIED BY A GAS SAFE REGISTERED SPECIALIST. ALL WORK TO BE IN ACCORDANCE WITH THE LOCAL WATER AUTHORITIES BYE LAWS, THE GAS SAFETY (INSTALLATION AND USE) REGULATIONS 1998 AND IEE REGULATIONS.

SMOKE DETECTION
MAINS OPERATED LINKED SMOKE ALARM DETECTION SYSTEM TO BS EN 14604 AND BS5839-6:2004 TO AT LEAST A GRADE D CATEGORY LD3 STANDARD AND TO BE MAINS POWERED WITH BATTERY BACK UP. SMOKE ALARMS SHOULD BE SITED SO THAT THERE IS A SMOKE ALARM IN THE CIRCULATION SPACE ON ALL LEVELS/ STOREYS AND WITHIN 7.5M OF THE DOOR TO EVERY HABITABLE ROOM. IF CEILING MOUNTED THEY SHOULD BE 300MM FROM THE WALLS AND LIGHT FITTINGS. WHERE THE KITCHEN AREA IS NOT SEPARATED FROM THE STAIRWAY OR CIRCULATION SPACE BY A DOOR, THERE SHOULD BE AN INTERLINKED HEAT DETECTOR IN THE KITCHEN.

ESCAPE WINDOWS
PROVIDE EMERGENCY EGRESS WINDOWS TO ANY NEWLY CREATED FIRST FLOOR HABITABLE ROOMSS. WINDOWS TO HAVE AN UNOBSTRUCTED OPENABLE AREA OF 450MM HIGH X 450MM WIDE, MINIMUM 0.33M SQ. THE BOTTOM OF THE OPENABLE AREA SHOULD BE NOT MORE THAN 1100MM ABOVE THE FLOOR. THE WINDOW SHOULD ENABLE THE PERSON TO REACH A PLACE FREE FROM DANGER FROM FIRE.

NEW AND REPLACEMENT WINDOWS
NEW AND REPLACEMENT WINDOWS TO BE DOUBLE GLAZED WITH 16MM ARGON GAP AND SOFT COAT LOW-E GLASS. WINDOW ENERGY RATING TO BE BAND A AND TO ACHIEVE U-VALUE OF 1.8 W/M²K .

NEW AND REPLACEMENT DOORS
NEW AND REPLACEMENT DOORS TO ACHIEVE A U-VALUE OF 1.80W/M²K. GLAZED AREAS TO BE DOUBLE GLAZED WITH 16MM ARGON GAP AND SOFT LOW-E GLASS. GLASS TO BE TOUGHENED OR LAMINATED SAFETY GLASS TO BS 6206, BS EN 14179 OR BS EN ISO 12543-1:2011 AND PART K (PART N IN WALES) OF THE CURRENT BUILDING REGULATIONS.

BACKGROUND AND PURGE VENTILATION
BACKGROUND VENTILATION - CONTROLLABLE BACKGROUND VENTILATION VIA TRICKLE VENTS TO BS EN 13141-3 WITHIN THE WINDOW FRAME TO BE PROVIDED TO NEW HABITABLE ROOMS AT A RATE OF MIN 5000MM²; AND TO KITCHENS, BATHROOMS, WCS AND UTILITY ROOMS AT A RATE OF 2500MM²
PURGE VENTILATION - NEW WINDOWS/ROOFLIGHTS TO HAVE OPENABLE AREA IN EXCESS OF 1/20TH OF THEIR FLOOR AREA, IF THE WINDOW OPENS MORE THAN 30° OR 1/10TH OF THEIR FLOOR AREA IF THE WINDOW OPENS LESS THAN 30°
INTERNAL DOORS SHOULD BE PROVIDED WITH A 10MM GAP BELOW THE DOOR TO AID AIR CIRCULATION.
VENTILATION PROVISION IN ACCORDANCE WITH THE DOMESTIC VENTILATION COMPLIANCE GUIDE.

EXTRACT TO FLAT BATHROOM
BATHROOM TO HAVE MECHANICAL VENT DUCTED TO EXTERNAL AIR TO PROVIDE MIN 15 LITRES / SEC EXTRACTION. VENT TO BE CONNECTED TO LIGHT SWITCH AND TO HAVE 15 MINUTE OVER RUN IF NO WINDOW IN ROOM. INTERNAL DOORS SHOULD BE PROVIDED WITH A 10MM GAP BELOW THE DOOR TO AID AIR CIRCULATION. VENTILATION PROVISION IN ACCORDANCE WITH THE DOMESTIC VENTILATION COMPLIANCE GUIDE. INTERMITTENT EXTRACT FANS TO BS EN 13141-4. ALL FIXED MECHANICAL VENTILATION SYSTEMS, WHERE THEY CAN BE TESTED AND ADJUSTED, SHALL BE COMMISSIONED AND A COMMISSIONING NOTICE GIVEN TO THE BUILDING CONTROL BODY.

EXTRACT TO WC
W/C TO HAVE MECHANICAL VENTILATION DUCTED TO EXTERNAL AIR WITH AN EXTRACT RATING OF 15L/S OPERATED VIA THE LIGHT SWITCH. VENT TO HAVE A 15MIN OVERRUN IF NO WINDOW IN ROOM. INTERNAL DOORS SHOULD BE PROVIDED WITH A 10MM GAP BELOW THE DOOR TO AID AIR CIRCULATION. VENTILATION PROVISION IN ACCORDANCE WITH THE DOMESTIC VENTILATION COMPLIANCE GUIDE. INTERMITTENT EXTRACT FANS TO BS EN 13141-4. ALL FIXED MECHANICAL VENTILATION SYSTEMS, WHERE THEY CAN BE TESTED AND ADJUSTED, SHALL BE COMMISSIONED AND A COMMISSIONING NOTICE GIVEN TO THE BUILDING CONTROL BODY.

EXTRACT TO FLAT KITCHEN
KITCHEN TO HAVE MECHANICAL VENTILATION WITH AN EXTRACT RATING OF 60L/SEC OR 30L/SEC IF ADJACENT TO HOB TO EXTERNAL AIR, SEALED TO PREVENT ENTRY OF MOISTURE. INTERNAL DOORS SHOULD BE PROVIDED WITH A 10MM GAP BELOW THE DOOR TO AID AIR CIRCULATION. VENTILATION PROVISION IN ACCORDANCE WITH THE DOMESTIC VENTILATION COMPLIANCE GUIDE. INTERMITTENT EXTRACT FANS TO BS EN 13141-4. COOKER HOODS TO BS EN 13141-3. ALL FIXED MECHANICAL VENTILATION SYSTEMS, WHERE THEY CAN BE TESTED AND ADJUSTED, SHALL BE COMMISSIONED AND A COMMISSIONING NOTICE GIVEN TO THE BUILDING CONTROL BODY.

PITCHED ROOF VENTILATION
MAINTAIN A 50MM AIR GAP ABOVE INSULATION IN THE ROOF PITCH TO VENTILATE ROOF. PROVIDE OPENING AT EAVES LEVEL AT LEAST EQUAL TO CONTINUOUS STRIP 25MM WIDE AND OPENING AT RIDGE EQUAL TO CONTINUOUS STRIP 5MM WIDE TO PROMOTE VENTILATION.

RAINWATER DRAINAGE
NEW RAINWATER GOODS TO BE NEW 110MM UPVC HALF ROUND GUTTERS TAKEN AND CONNECTED INTO 68MM DIA UPVC DOWNPIPES. RAINWATER TAKEN TO EXISTING SW DRAINAGE SYSTEM TO B.C.O. APPROVAL
UNDERGROUND FOUL DRAINAGE
UNDERGROUND DRAINAGE TO CONSIST OF 100MM DIAMETER UPVC PROPRIETARY PIPE WORK TO GIVE A 1:40 FALL. SURROUND PIPES IN 100MM PEA SHINGLE. PROVIDE 600MM SUITABLE COVER (900MM UNDER DRIVES). SHALLOW PIPES TO BE COVERED WITH 100MM REINFORCED CONCRETE SLAB OVER COMPRESSIBLE MATERIAL. PROVIDE RODDING ACCESS AT ALL CHANGES OF DIRECTION AND JUNCTIONS. ALL BELOW GROUND DRAINAGE TO COMPLY WITH BS EN 1401-1: 2009.

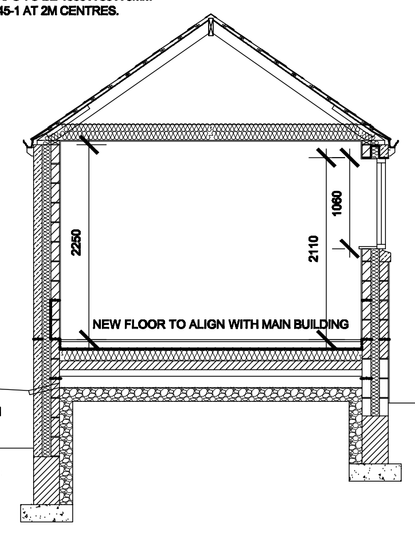
INSPECTION CHAMBERS
UNDERGROUND QUALITY PROPRIETARY UPVC 450MM DIAMETER INSPECTION CHAMBERS TO BE PROVIDED AT ALL CHANGES OF LEVEL, DIRECTION, CONNECTIONS AND EVERY 45M IN STRAIGHT RUNS. INSPECTION CHAMBERS TO HAVE BOLT DOWN DOUBLE SEALED COVERS IN BUILDINGS AND BE ADEQUATE FOR VEHICLE LOADS IN DRIVEWAYS.

ABOVE GROUND DRAINAGE
ALL NEW ABOVE GROUND DRAINAGE AND PLUMBING TO COMPLY WITH BS EN 12056-2:2000 FOR SANITARY PIPEWORK. ALL DRAINAGE TO BE IN ACCORDANCE WITH PART H OF THE BUILDING REGULATIONS. WASTES TO HAVE 75MM DEEP ANTI VAC BOTTLE TRAPS AND RODDING EYES TO BE PROVIDED AT CHANGES OF DIRECTION.

SIZE OF WASTES PIPES AND MAX LENGTH OF BRANCH CONNECTIONS (IF MAX LENGTH IS EXCEEDED THEN ANTI VACUUM TRAPS TO BE USED)
WASH BASIN - 1.7M FOR 32MM PIPE 4M FOR 40MM PIPE
BATH/SHOWER - 3M FOR 40MM PIPE 4M FOR 50MM PIPE
W/C - 6M FOR 100MM PIPE FOR SINGLE WC
ALL BRANCH PIPES TO CONNECT TO 110MM SOIL AND VENT PIPE TERMINATING MIN 900MM ABOVE ANY OPENINGS WITHIN 3M.
OR TO 110MM UPVC SOIL PIPE WITH ACCESSIBLE INTERNAL AIR ADMITTANCE VALVE COMPLYING WITH BS EN 12380, PLACED AT A HEIGHT SO THAT THE OUTLET IS ABOVE THE TRAP OF THE HIGHEST FITTING.
WASTE PIPES NOT TO CONNECT ON TO SVP WITHIN 200MM OF THE WC CONNECTION.
SUPPLY HOT AND COLD WATER TO ALL FITTINGS AS APPROPRIATE.

SOIL AND VENT PIPE
SVP TO BE EXTENDED UP IN 110MM DIA UPVC AND TO TERMINATE MIN 900MM ABOVE ANY OPENINGS WITHIN 3M. PROVIDE A LONG RADIUS BEND AT FOOT OF SVP.

ROOF CONSTRUCTION TO FRONT EXTENSION:-
MARLEY ETERNIT BIRKDALE ARTIFICIAL SLATE WITH HOOK FIXING IN ACCORDANCE WITH MANUFACTURERS DETAILS TO SUIT 15DEG ROOF PITCH ON 25 X 38MM TANALISED SW TREATED BATTENS ON SINGLE LAYER SARKING FELT TO RELEVANT BBA CERTIFICATE. SUPPORTED ON 47 X 150MM GRADE C16 RAFTERS AT MAX 400MM CENTRES. RAFTERS SUPPORTED ON 100 X 50MM SW WALL PLATES.
195X47MM CEILING JOISTS AT 400C/C WITH13MM PLASTERBOARD AND SKIM FINISH WITH APPROPRIATE PAINT FINISH TO SUIT KITCHEN ENVIRONMENT.
ROOF INSULATED WITH 150MM ROCKWOOL BETWEEN JOISTS AND 150MM OVER.
MAINTAIN A 50MM AIR GAP ABOVE INSULATION TO VENTILATE ROOF.
PROVIDE OPENING AT EAVES LEVEL AT LEAST EQUAL TO CONTINUOUS STRIP 10MM WIDE TO PROMOTE VENTILATION.
100MM X 50MM WALL PLATE STRAPPED DOWN TO WALLS.
RAFTERS TO BE STRAPPED TO WALLS AND GABLE WALLS, STRAPS BUILT INTO CAVITY, ACROSS AT LEAST 3 TIMBERS WITH NOGGINS. ALL STRAPS TO BE 1000 X 30 X 5MM GALVANIZED STRAPS OR OTHER APPROVED TO BSEN 845-1 AT 2M CENTRES.



EXTERNAL WALL
NEW CAVITY WALL TO COMPRISE 100MM OUTER LEAF OF STONEWORK TO MATCH EXISTING WITH FULL FILL CAVITY WITH 100MM DRITHERM 32 ULTIMATE INSULATION AS MANUFACTURER'S DETAILS. INNER LEAF TO BE 100MM PLASMORE STRANLITE BLOCKWORK WITH PLASTER FINISH TO SUIT KITCHEN ENVIRONMENT/TILED FINISH.

OVERFLOWS TO SUB FLOOR VOID.
SUB FLOOR VENTED WITH AIR GRATES AT 1800C/C AND WITHIN 1M OF CORNERS, BOXED THROUGH CAVITY WITH TRAY DPC OVER.

FOUNDATIONS TO BE TAKEN DOWN TO BELOW LEVEL OF DRAIN AND WALL LINTOLLED OVER.

EXTERNAL WALL
NEW CAVITY WALL TO COMPRISE RENDER TO MATCH EXISTING ON 100MM 7N STRANLITE BLOCKWORK OUTER LEAF WITH FULL FILL THE CAVITY WITH 100MM DRITHERM 32 ULTIMATE INSULATION AS MANUFACTURER'S DETAILS. INNER LEAF TO BE 100MM PLASMORE STRANLITE BLOCKWORK WITH PLASTER & SKIM FINISH.

DPC IN WALLS MINIMUM 150MM ABOVE ADJACENT GROUND LEVEL ANS LINKED WITH DPC.

7N SOLID BLOCKWORK BELOW DPC.

NEW KITCHEN FLOOR LEVEL TO ALIGN WITH MAIN BUILDING LEVEL (CORRIDOR) FLOOR TILING ON 75MM CEMENT/SAND SCREED ON 85MM KNAUF POLYFOAM ECO FLOORBOARD EXTRA ON BEAM AND BLOCK FLOOR BY SPECIALIST
MIN 150MM VENTILATED SUB FLOOR VOID OVER MIN 100MM LIMESTONE HARDCORE.

SECTION A-A

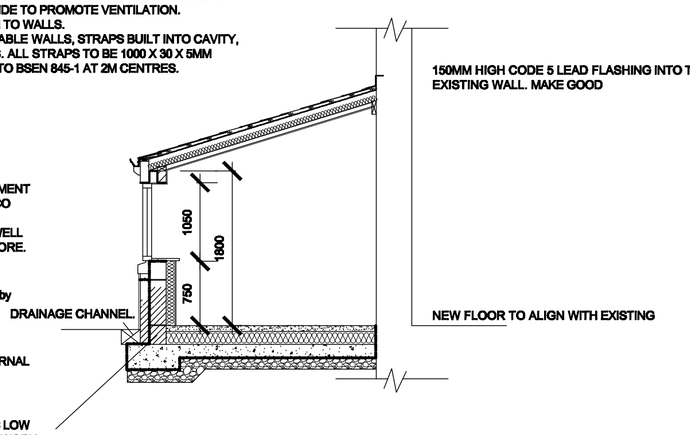
ROOF CONSTRUCTION TO FRONT EXTENSION:-
MARLEY ETERNIT BIRKDALE ARTIFICIAL SLATE WITH HOOK FIXING IN ACCORDANCE WITH MANUFACTURERS DETAILS TO SUIT 15DEG ROOF PITCH ON 25 X 38MM TANALISED SW TREATED BATTENS ON DOUBLE LAYER SARKING FELT TO RELEVANT BBA CERTIFICATE. SUPPORTED ON 47 X 150MM GRADE C16 RAFTERS AT MAX 400MM CENTRES. RAFTERS SUPPORTED ON 100 X 50MM SW WALL PLATES. INSULATION TO BE 100MM CELOTEX GA4000 BETWEEN RAFTERS AND 45MM CELOTEX TB4000 UNDER RAFTERS. FIX 12.5MM FOIL BACKED PLASTERBOARD (JOINTS STAGGERED) AND 5MM SKIM COAT OF FINISHING PLASTER TO THE UNDERSIDE OF ALL CEILINGS USING GALVANIZED PLASTERBOARD NAILS.
MAINTAIN A 50MM AIR GAP ABOVE INSULATION TO VENTILATE ROOF. PROVIDE OPENING AT EAVES LEVEL AT LEAST EQUAL TO CONTINUOUS STRIP 25MM WIDE AND OPENING AT RIDGE EQUAL TO CONTINUOUS STRIP 5MM WIDE TO PROMOTE VENTILATION.
100MM X 50MM WALL PLATE STRAPPED DOWN TO WALLS.
RAFTERS TO BE STRAPPED TO WALLS AND GABLE WALLS, STRAPS BUILT INTO CAVITY, ACROSS AT LEAST 3 TIMBERS WITH NOGGINS. ALL STRAPS TO BE 1000 X 30 X 5MM GALVANIZED STRAPS OR OTHER APPROVED TO BSEN 845-1 AT 2M CENTRES.

FLOOR TO FRONT EXTENSION TO BE 75MM CEMENT SAND SCREED ON 85MM KNAUF POLYFOAM ECO FLOORBOARD EXTRA ON CONCRETE RAFT TO ENGINEERS DETAILS ON PERPRUFE DPM ON WELL ROLLED AND COMPACTED LIMESTONE HARDCORE.
Notes:
- Grade of membrane dependent on site conditions
- Ensure Preprufe is positively located in to corners by creasing and folding
- Preprufe placed on smooth sound substrate

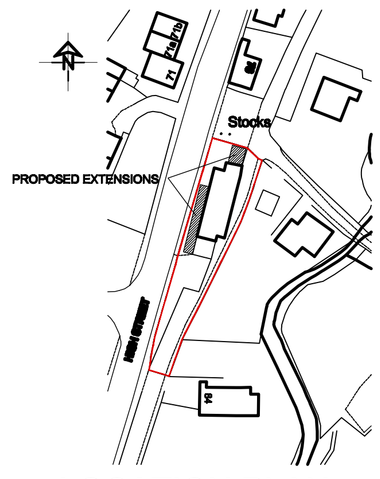
DPM LAPPED WITH DPC IN WALLS.
DPC TO BE A MINIMUM OF 150MM ABOVE EXTERNAL GROUND LEVEL IN OUTER LEAF

WALL AT LOW LEVEL TO BE CONSTRUCTED AS LOW RETAINING WALL COMPRISING 100M 7N BLOCKWORK OUTER LEAF, PREPRUFE VERTICAL DPM ON 190MM 7N BLOCKWORK LINED INTERNALLY WITH 75X50MM SW FRAMING AT 400C/C WITH 75MM KNAUF ROCKSILK FLEXIBLE SLAB INFILL AND FINISHED INTERNALLY WITH 30MM POLYFOAM LINERBOARD AND SKIM ON 1200G VISQUEEN VAPOUR BARRIER.

EXTERNAL WALL ABOVE
NEW CAVITY WALL TO COMPRISE RENDER TO MATCH EXISTING ON 100MM 7N STRANLITE BLOCKWORK OUTER LEAF WITH FULL FILL THE CAVITY WITH 100MM DRITHERM 32 ULTIMATE INSULATION AS MANUFACTURER'S DETAILS. INNER LEAF TO BE 100MM PLASMORE STRANLITE BLOCKWORK WITH PLASTER & SKIM FINISH.



SECTION B-B



LOCATION PLAN
SCALE 1:1250

White Agus PARTNERSHIP
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Phone: 01226 208482
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Email: info@whiteaguspartnership.co.uk
Web: www.whiteaguspartnership.co.uk

Project.	Client.
PROPOSED ALTERATIONS AND EXTENSIONS TO FORMER RING O'BELLS, HIGH STREET, SILKSTONE, BARNSLEY	THE BELLS STEAKHOUSE LTD
Drawing Title. ELEVATIONS AND SECTIONS AS PROPOSED	Date. JULY 2013
	Scale. 1:100 & 1:50 @ A1
Ref. 13-008	Dwg. No. 04
	Rev. B

Date	Suffix	Description	Date	Suffix	Description
29-07-13	A	KITCHEN EXTENSION AND DRAINAGE REVISED			
16-08-13	B	WINDOW CILL HEIGHT REVISED TO FRONT EXTENSION			