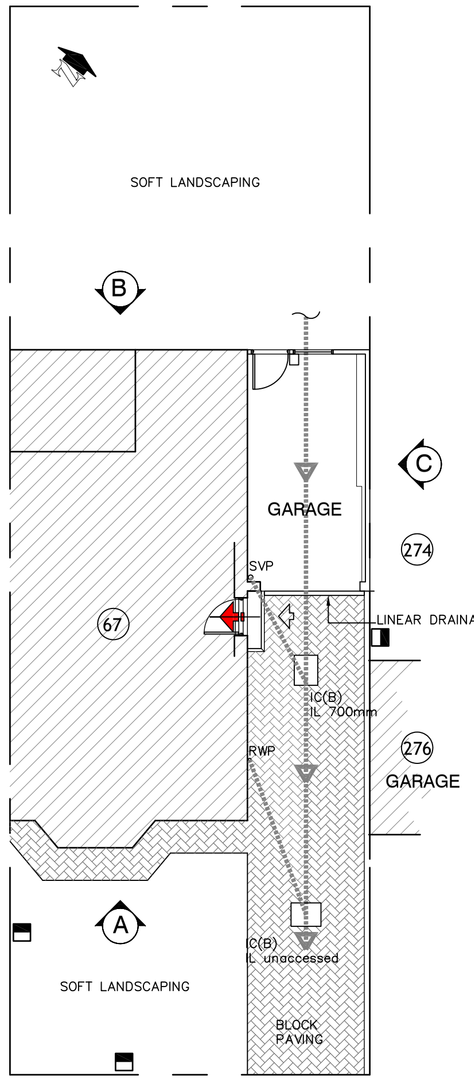
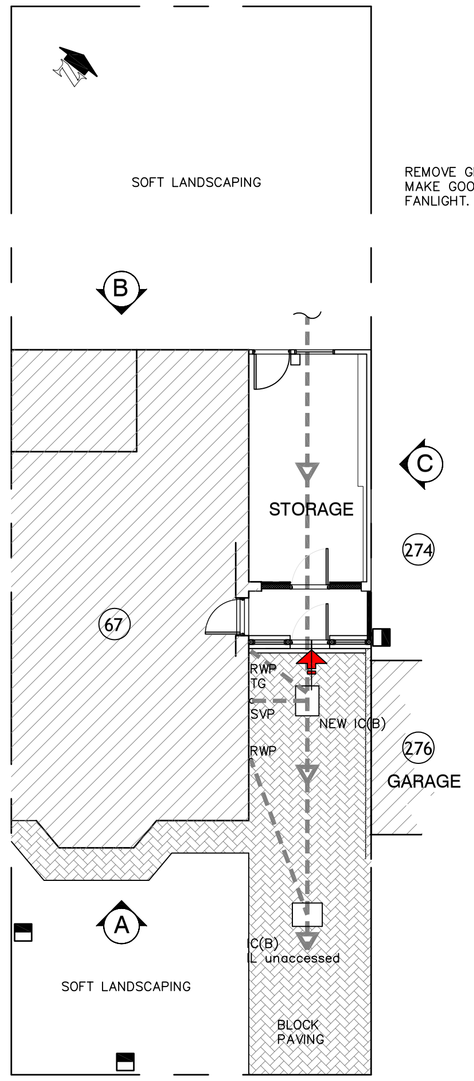
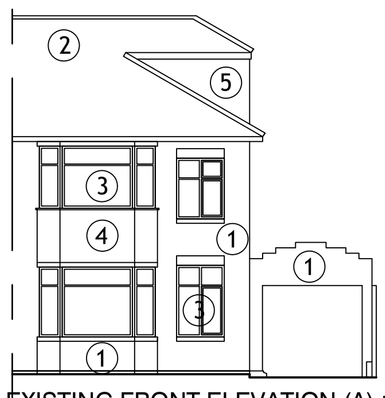


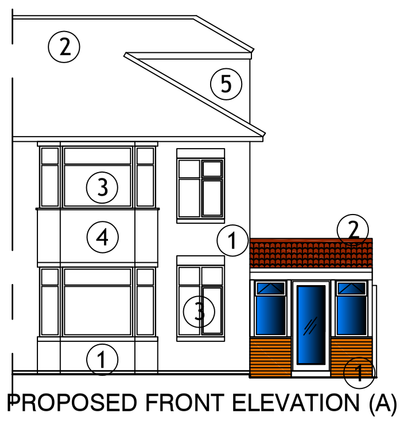
EXISTING GF AND BLOCK PLAN 1:100



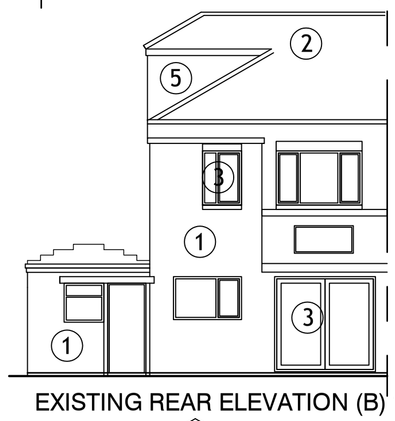
PROPOSED GF AND BLOCK PLAN 1:100



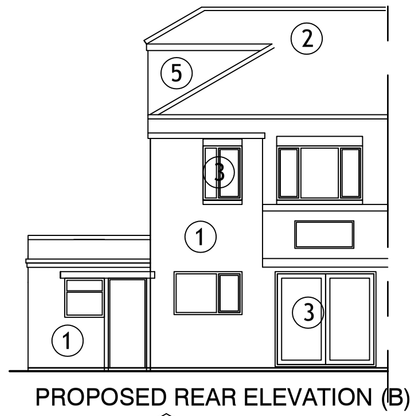
EXISTING FRONT ELEVATION (A) 1:100



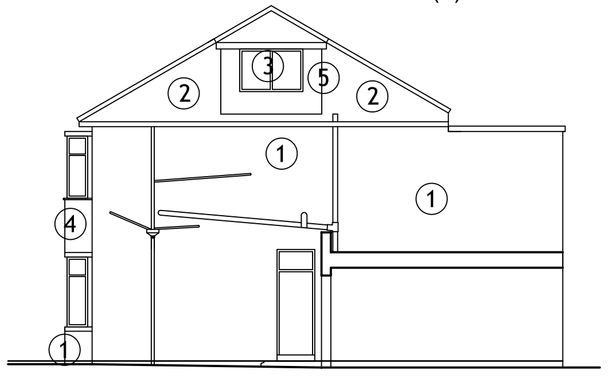
PROPOSED FRONT ELEVATION (A) 1:100



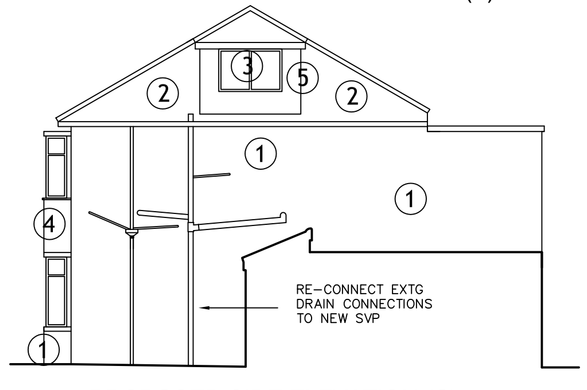
EXISTING REAR ELEVATION (B) 1:100



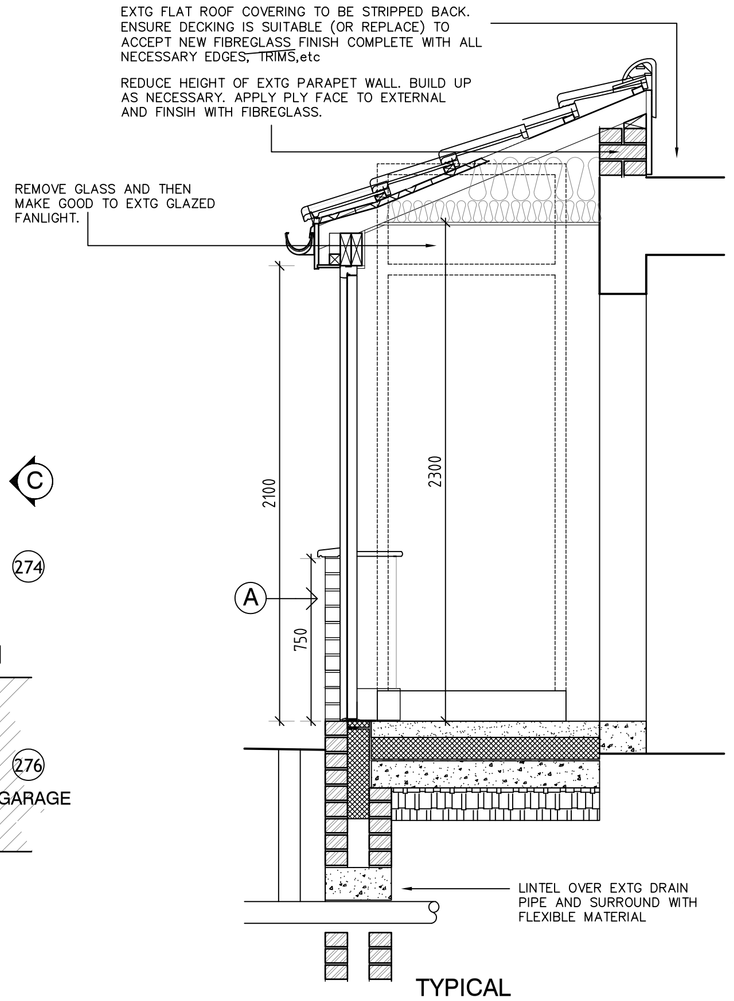
PROPOSED REAR ELEVATION (B) 1:100



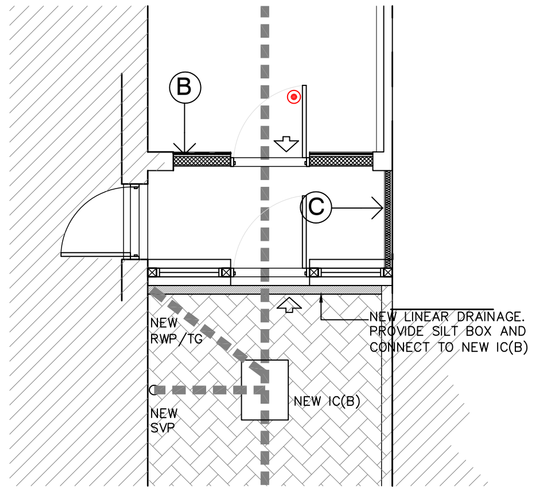
EXISTING SIDE ELEVATION (C) 1:100



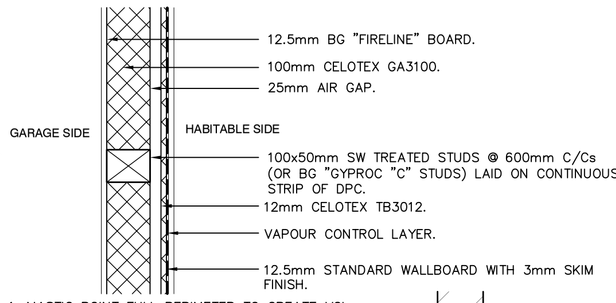
PROPOSED SIDE ELEVATION (C) 1:100



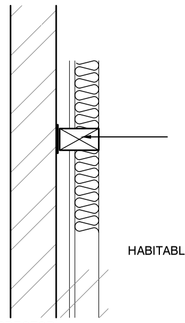
TYPICAL SECTION 1:20



PROPOSED PORCH PLAN 1:50



WALL TYPE "B" 1:10
(GARAGE PARTITION WALL)



WALL TYPE "C" 1:10

LEGEND

- A — WALL CONSTRUCTION DESIGNATION
- A — ELEVATION DESIGNATION
- RAMP/STAIR DIRECTION OF RISE
- EXTERNAL ENTRANCE/EXIT
- 1 — REVISION CLOUD AND LETTER
- MAINS LINKED SMOKE DETECTOR
- FD30S FIRE DOOR, MINIMUM HALF HOUR FIRE RESISTANCE WITH INTUMESENT STRIPS AND COLD SMOKE SEALS
- RWP — RAINWATER PIPE
- SVP — SOIL AND VENT PIPE
- TG — TRAPPED GULLY
- IC(B) — INSPECTION CHAMBER–BRICK
- IL — INVERT LEVEL
- 215mm BRICK WALL (550mm HIGH)
- 100mm BRICK WALL (550mm HIGH)
- 100mm BRICK WALL (2100mm HIGH)
- 1 — FAIR FACED BRICKWORK.
- 2 — CONCRETE INTERLOCKING ROOF TILES.
- 3 — uPVC DOORS/ WINDOWS.
- 4 — RENDER EXTERNAL WALL FINISH.
- 5 — HANGING TILES

SPECIFICATION OF WORKS

FOUNDATIONS:
STRIP BUILDING AREA OF ALL VEGETABLE SOIL AND RUBBISH. GENERALLY TRENCH UNDER CENTRE LINES OF WALLS. FOUNDATIONS MINIMUM OF 1000mm BELOW GROUND LEVEL AND AT LEAST THE DEPTH OF EXISTING FOUNDATIONS, (SUBJECT TO LOCAL GROUND CONDITIONS AND TO TOTAL SATISFACTION OF BUILDING INSPECTOR), CAPABLE OF SAFELY TRANSMITTING LOADS TO SUITABLE LOAD BEARING STRATA. FOUNDATIONS TO BE TAKEN BELOW INVERTS OF DRAINS (WHERE PRACTICABLE) BRIDGED WITH REINFORCED CONCRETE LINTELS WITH OPENINGS SEALED AGAINST VERMIN.
PROPOSED FOUNDATION DESIGN TO REFLECT THE EXISTING FOUNDATION DESIGN.

STEPPED FOUNDATIONS TO HAVE MAXIMUM STEP HEIGHT OF 225mm WITH OVERLAP MINIMUM 2xs STEP HEIGHT.

EXTERNAL WALLS: TYPE A
100mm FACING BRICK TO MATCH EXISTING:
100mm CAVITY FULLY FILLED WITH CROWN DRITHERM 32 ULTIMATE (OR SIMILAR APPROVED);
100mm INTERNAL WALL FROM EITHER OF THE FOLLOWING:
THERMALITE "TURBO" OR "SHIELD",
DUROX "SUPABLOCK 40" OR "SUPABLOCK"
CELCON "SOLAR" OR STANDARD
TOPBLOCK "TOPBLOCKLITE GTI" OR STANDARD
12.5mm PLASTERBOARD AND SKIM ON DABS. CAVITY INSULATION CONTINUOUS UP TO VERGE LEVEL (WHERE APPROPRIATE).
CLASS 2 ENGINEERING BRICK (FL OR FN) BELOW DPC WITH WEAK CONCRETE MIX TO CAVITY UP TO GROUND LEVEL (OR TRENCHBLOCK). SOLDIER, CILL AND STRING COURSES TO RUN THROUGH AND MATCH EXISTING (WHERE POSSIBLE).
STAINLESS STEEL WALL TIES TO BS1243:1978 2.5/M2. MINIMUM 250mm LONG (DOUBLE TRIANGLE OR VERTICAL TWIST) AT 750mm C/C HORIZONTAL, 450mm C/C VERTICAL (EACH COURSE STAGGERED) WITH ADDITIONAL (MAX 300mm FROM OPENING) AT 225mm MAX VERTICAL TO ALL UNBONDED JAMBS.
MAINTAIN CAVITYS WITH EXISTING TO PREVENT COLD BRIDGING.
MAX. U–VALUE 0.28 W/M²K.

DAMP PROOF COURSE:
CONTINUOUS DPC AT MINIMUM 150mm ABOVE ADJACENT FINISHED GROUND LEVEL TO ALL WALLS.
WINDOW/DOOR JAMBS/ CILLS TO HAVE INSULATED CAVITY CLOSER (RMC THERMABATE OR SIMILAR).
DRESS, LAP AND SEAL DPC TO DPM.
PROVIDE ADDITIONAL DPC TO EXTERNAL SKIN WHERE ACCESSIBLE THRESH IS LOCATED TO GIVE MINIMUM 150mm BETWEEN ADJACENT GROUND LEVEL.
DPC CAVITY TRAY (MINIMUM 140mm UPSTAND) WITH WEEPHOLES AND STOPENDS TO ALL ROOF JUNCTIONS, ABUTMENTS, AIR BRICKS, CHIMNEYS, etc WITH CODE 4 LEAD FLASHING.

GROUND FLOOR:
75mm S/C SCREED WITH REINFORCING MESH, 500g SEPARATING LAYER, 75mm KINGSPAN KOOLTHERM K103 INSULATION BOARD MINIMUM 25mm TAKEN UP ALL EXTERNAL PERIMETERS FULL DEPTH OF SCREED AND INSULATION BOARD, 100mm REINFORCED CONCRETE SLAB, 1200g DPM LAPPED AND SEALED TO DPC, 25mm SAND BLINDING, CLEAN HARDCORE BUILT UP IN 150mm WELL CONSOLIDATED LAYERS (MAXIMUM DEPTH 600mm).
MAX. U–VALUE 0.22 W/M²K.

PITCHED ROOF:
ROOF TILES TO MATCH EXISTING (WHERE POSSIBLE) SUIT PITCH, EXPOSURE, CONDITIONS AND SUIT LOCAL PLANNING AUTHORITY. 50x25mm SW TREATED BATTENS ON REINFORCED ROOFING UNDERLAY LAID TO FALL INTO CENTRELINE OF 110mm PVC GUTTER FIXED AT EAVES LEVEL.
ON SW TREATED RAFTERS (SIZE 50x125mm AT 450mm CENTRES).
RAFTERS BIRDSMOUTHED MAX.⅓ DEPTH.
SW TREATED CEILING JOISTS (SIZE 50x125mm AT 450mm CENTRES)
STRAP DOWN TO 100x75mm SW TREATED WALLPLATE. WALLPLATE HELD DOWN WITH GALV. MS STRAPS AT MAX 2000mm CENTRES. STRAPS TO HAVE MINIMUM CSA OF 30x5mm AND 450mm DOWN WALL.

100mm ROCKWOOL QUILT LAID IN CEILING JOISTS WITH 200mm ROCKWOOL QUILT LAID OVER AT 90 DEGREES. LAP WITH WALL INSULATION AND MAINTAIN AIRFLOW AT EAVES WITH PROPRIETARY EAVES VENTILATOR. 12.5mm PLASTERBOARD WITH INTEGRAL VCL (BRITISH GYPSUM DUPLEX OR SIMILAR) TO U/S TIE MEMBER.

VENT AS FOLLOWS:
LEAN–TO (10° AND ABOVE– INSULATION AT RAFTER OR CEILING JOIST LEVEL)
25000mm2/M RUN AT EAVES/LOW LEVEL (GLIDEVALE PREMIER EAVES VENTILATION SYSTEM OR SIMILAR)
5000mm2/M RUN AT RIDGE/HIGH LEVEL (GLIDEVALE MR50 MONOVENT VENTILATORS OR SIMILAR).

PROVIDE PROPRIETARY RAFTER VENTILATORS BETWEEN EACH RAFTER TO MAINTAIN AIRFLOW INTO ROOF VOID.

DRAINAGE AND PLUMBING:
ALL TO BE CONSTRUCTED TO ENTIRE SATISFACTION OF BUILDING INSPECTOR AND MAIN DRAINAGE ENGINEER.
110mm (UNLESS OTHERWISE STATED) PVC DRAIN PIPES SURROUNDED AND BEDDED (WHERE NECESSARY) ON PEA GRAVEL. ALL DRAINS RUNNING UNDER ANY BUILDING STRUCTURE TO BE ENCASED IN 150mm CONCRETE AND COMPRESSIBLE MATERIAL. MINIMUM FALLS OF 1:40 TO GIVE SELF–CLEANSING VELOCITIES.
DRAINS RUNNING THROUGH WALLS TO BE LINTELLED OVER, HAVE FLEXIBLE MATERIAL SURROUND AND SEAL EITHER SIDE WITH BUILDING BOARD TO STOP VERMIN INGRESS.
SUITABLY TEST FOR WATERTIGHTNESS.

NEW BRICK MANHOLE:
150mm CONCRETE BASE WITH BENCHING FORMED IN S/C TROWELLED SMOOTH AND INCORPORATING SLIPPER BEND CONNECTIONS. 225mm ENGINEERING BRICKWORK WALLS IN ENGLISH BOND WITH MD/HD COVER AND FRAME
SINGLE/DOUBLE SEAL WITH 600x600mm ACCESS.
DEPTH TO INVERT 1000mm OR LESS TO HAVE CHAMBER OF 450x450mm MINIMUM.
DEPTH TO INVERT 1000 TO 2700mm TO HAVE CHAMBER OF 1200x750mm MINIMUM.

NEW PLASTIC INSPECTION CHAMBER:
450mm DIAMETER WITH CHAMBER BASE AND RISER PIECE SAT ON AND HAUNCHED IN 150mm CONCRETE. COVER AND FRAME TO SUIT USAGE.
MAXIMUM INVERT 1000mm.

ALL GULLIES TRAPPED AND RODDABLE.

110mm ½ ROUND PVC GUTTERING SUITABLY FIXED AT EAVES LEVEL DISCHARGING INTO 68mm DIAMETER PVC DOWNCOMER INTO NEW TRAPPED/ RODABBLE GULLY INTO NEW DRAIN RUN

110mm SVP LARGE RADIUS (MINIMUM 200mm ON CENTRE LINE) BEND ON 150mm CONCRETE SLAB BASE. TERMINATE WITH BIRD COWL TO ATMOSPHERE

WINDOWS AND VENTILATION:
WINDOWS TO MATCH EXISTING PATTERN. TO BE DOUBLE GLAZED (MIN. 4:12:4 HERMETICALLY SEALED), DRAUGHT SEALED AND NEATLY MASTIC POINTED ALL ROUND PERIMETER BOTH INSIDE AND OUT.
TO ACHIEVE VENTILATION EQUAL TO 1/20th OF RESPECTIVE FLOOR AREA.
HABITABLE ROOMS TO HAVE TRICKLE VENT OF 8000mm2.
KITCHENS/BATHROOMS TO HAVE TRICKLE VENT OF 4000mm2.
MECHANICAL VENT TO KITCHEN/UTILITY TO EXCHANGE AIR AT 60 LITRES/SEC.
MECHANICAL VENT TO BATHROOM/EN–SUITE TO EXCHANGE AIR AT 15 LITRES/SEC WITH 15min OVERRUN CONTROLLED BY LIGHT SWITCH.
WINDOWS TO ACHIEVE MINIMUM U–VALUE OF 1.6W/M2K.
EXTERNAL DOORS TO ACHIEVE MINIMUM U–VALUE OF 1.6W/M2K.
GLAZING TO BE MINIMUM 16mm DOUBLE GLAZED WITH INNER PANE LOW–E ENERGY SAVING(PILKINGTONS K OR SIMILAR).
ALL GLAZING TO WINDOWS/DOORS WITHIN 800mm OF FLOOR LEVEL (1500mm TO DOORS) TO BE IN TOUGHENED SAFETY GLASS.

LATERAL SUPPORT/ UPLIFT:
FLOORS AND PITCHED ROOF MEMBERS ANCHORED DOWN WITH GALVANISED MS STRAPS OVER MINIMUM 3No MEMBERS (MINIMUM CSA 30x5mm) WITH 450mm TURN DOWN TO SUPPORTING WALL.
STRAPS POSITIONED AT MAX. 1800mm C/Cs.
NOG OUT BELOW WITH SW TREATED NOGGINS WITH DEPTH EQUAL TO ½ DEPTH OF MEMBER.

LATERAL SUPPORT/ UPLIFT:
FLOORS AND PITCHED ROOF MEMBERS ANCHORED DOWN WITH GALVANISED MS STRAPS OVER MINIMUM 3No MEMBERS (MINIMUM CSA 30x5mm) WITH 450mm TURN DOWN TO SUPPORTING WALL.
STRAPS POSITIONED AT MAX. 1800mm C/Cs.
NOG OUT BELOW WITH SW TREATED NOGGINS WITH DEPTH EQUAL TO ½ DEPTH OF MEMBER.

ELECTRICS:
ALL ELECTRICAL WORK IS REQUIRED TO MEET THE REQUIREMENTS OF CURRENT BUILDING REGULATIONS PART P (ELECTRICAL SAFETY) AND MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A COMPETENT PERSON TO DO SO.
PRIOR TO COMPLETION THE REGULATING AUTHORITY MUST BE SATISFIED THAT EITHER:–
a) AN ELECTRICAL INSTALLATION CERTIFICATE ISSUED UNDER A "COMPETENT PERSONS SCHEME" HAS BEEN ISSUED OR,
b) AN APPROPRIATE ELECTRICAL INSTALLATION CERTIFICATE HAS BEEN ISSUED FOR THE WORK AND THAT IT HAS BEEN SIGNED BY A PERSON COMPETENT TO DO SO.

NEW ELECTRICAL SOCKETS, SWITCHES, ETC TO BE POSITIONED IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS APPROVED DOCUMENT M, SECTION 8, DIAGRAM 29 (BETWEEN 450 AND 1200mm ABOVE FINISHED FLOOR LEVEL AND 300mm AWAY FROM INTERNAL CORNERS).

NEW WORKS TO INCORPORATE ENERGY EFFICIENT LIGHT FITTINGS AT A RATIO OF NOT LESS THAN 1 IN 4.

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION BOX

IN ADDITION TO THE NORMAL HAZARDS, RISKS, etc ASSOCIATED WITH THIS TYPE OF WORK DETAILED ON THIS DRAWING, PLEASE NOTE THE FOLLOWING RISKS AND INFORMATION:

CONSTRUCTION RISKS
1. AWARENESS AND VIGILANCE FOR POSSIBLE PRESENCE OF ASBESTOS AND OTHER CONTAMINANTS.
2. AWARENESS AND VIGILANCE FOR POSSIBLE PRESENCE OF UNDERGROUND SERVICES.
3. CARE TO BE TAKEN WHEN UNDERMINING AND WORKING ALONGSIDE ADJACENT STRUCTURES AND FOUNDATIONS.
4. WORKING IN CONFINED SPACES (POTENTIAL FOR COLLAPSE OF EXCAVATIONS)
5. CARE WITH MANUAL HANDLING/ LIFTING OPERATIONS (BEAMS, COLUMNS, etc).
6. CARE IN WORKING AT HEIGHTS.

DEMOLITION RISKS
1. AWARENESS AND VIGILANCE FOR POSSIBLE PRESENCE OF ASBESTOS.
2. AWARENESS AND VIGILANCE FOR POSSIBLE PRESENCE OF UNDERGROUND SERVICES.

FOR INFORMATION RELATING TO USE, CLEANING, MAINTENANCE RISKS REFER TO HEALTH AND SAFETY/ OPERATING MANUAL.

IT IS ASSUMED THAT ALL WORKS SHOWN ON THIS DRAWING WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WITH THE NECESSARY SKILLS, ABILITY, KNOWLEDGE AND RESOURCES TO COMPLETE THE WORKS IN A SAFE AND HEALTHY MANNER, AND WITH DUE REGARD TO SAFETY OF ON–SITE PERSONNEL, VISITORS AND MEMBERS OF THE PUBLIC.
WHERE APPROPRIATE THE COMPETENT CONTRACTOR SHALL PRODUCE, AND WORK TO, AN APPROVED METHOD STATEMENT/ DESIGN RISK ASSESSMENT.

WARNING !! NO WORKS TO COMMENCE WITHOUT FULL PLANNING AND BUILDING REGULATION APPROVAL. ANY WORKS STARTED PRIOR TO APPROVAL(S) IS DONE SO AT CLIENTS OWN RISK

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GENERAL NOTES:

GENERAL NOTES:
1. ALL FIGURES GIVEN IN MILLIMETRES.
2. WRITTEN DIMENSIONS TO BE TAKEN OVER SCALED DIMENSIONS.
3. ANY DISCREPANCIES TO BE REPORTED TO PROJECT CO–ORDINATOR IMMEDIATELY.
4. THIS DRAWING IS FOR SOLE PURPOSE OF APPROVAL UNDER BOTH THE CURRENT BUILDING REGULATIONS AND TOWN AND COUNTRY PLANNING ACT. ALL CONSTRUCTION DETAILS, VERIFICATION OF DIMENSIONS, MATERIAL SIZING AND DISCUSSIONS/CORRESPONDENCE WITH STATUTORY AUTHORITIES IS SOLE AND TOTAL RESPONSIBILITY OF BUILDER/MAIN CONTRACTOR.
5. ATTENTION IS DRAWN TO CLIENTS RESPONSIBILITIES UNDER THE PARTY WALL ACT. NO WORK TO BE UNDERTAKEN TO ADJACENT PROPERTIES WITHOUT EXPRESS WRITTEN CONSENT GIVEN BY NEIGHBOURING PROPERTY. THIS IS A CIVIL MATTER AND CLIENT SHOULD SEEK ADVICE FROM AN APPROVED PARTY WALL SURVEYOR ON THE APPLICATION OF THE "ACT" RELATIVE TO THIS PROJECT, THE BEARING THE "ACT" MAY HAVE ON THIS PROJECT AND THE PROCEDURE FOR SERVING NOTICE (IF APPLICABLE).
6. ALL MATERIALS TO BE FIXED/APPLIED IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND TO HOLD A CURRENT AGREMENT CERTIFICATE.
7. BUILDER/MAIN CONTRACTOR TO OBTAIN ALL NECESSARY CERTIFICATION FROM LOCAL AUTHORITY FOR POSITIONING AND SITING OF SKIPS AND TO PROVIDE SUFFICIENT SKIPS TO CART AWAY ALL DEBRIS. ALSO ANY PROVISION OF SCAFFOLDING/GANTRYS, etc TO BE APPROVED AND LICENSED BY LOCAL HIGHWAYS AUTHORITY.
8. NO WORKS TO COMMENCE WITHOUT FULL APPROVAL UNDER THE CURRENT BUILDING REGULATIONS AND TOWN AND COUNTRY PLANNING ACT. ALL WORKS AND MATERIALS TO COMPLY WITH CURRENT B.REGS, BS's, CP's, AND/OR EQUIVALENT EUROPEAN STANDARDS.
9. HEATING AND ELECTRICAL INSTALLATIONS TO BE EXTENDED TO CLIENTS REQUIREMENTS AND IN FULL ACCORDANCE WITH ALL CURRENT RELEVANT LEGISLATION.
GENERALLY TO INCLUDE GENERAL LIGHTING, SOCKETS, SWITCHES, RADIATORS TO OWNER/CLIENTS REQUIREMENTS.
PROVIDE THERMOSTATIC RADIATOR VALVES (TRVs) TO ALL NEW RADIATORS.
SEE NOTES ELSEWHERE ON PLAN(S) REGARDING ELECTRICAL DESIGN.
10. ALL WORKS TO BE EXECUTED BY BUILDER SAFELY UNDER UNDER CURRENT LEGISLATURE, AND ADHERE TO ALL HEALTH AND SAFETY EXECUTIVE REQUIREMENTS.
11. ALL TIMBERS TO BE MINIMUM C24 GRADE WITH FULL DOUBLE VACUUM PRESERVATIVE TREATMENT.
12. NO DESTRUCTIVE INVESTIGATION WAS UNDERTAKEN IN ORDER TO ASCERTAIN ANY OR ALL OF THE FORMS OF EXISTING MATERIALS AND CONSTRUCTION. CONSIDERED ASSUMPTIONS HAVE BEEN MADE AS TO THESE EXISTING MATERIALS AND FORMS OF CONSTRUCTION. THEREFORE BUILDER/DEVELOPER IS TO TAKE ALL NECESSARY PRECAUTIONS WHEN BREAKING THROUGH, ALTERING, INSTALLING AND GENERALLY CARRYING OUT ALL FORMS OF WORK WHICH FORM PART OF THIS DEVELOPMENT AND "WORSE POSSIBLE SCENARIOS" SHOULD BE EXPECTED.
13. CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY PRECAUTIONS, SAFE DELIVERY/HANDLING OF MATERIALS, ISSUE OF P.P.E., ERECTION OF SAFE SCAFFOLDING, etc, TO COMPLY WITH ALL CURRENT SAFETY LEGISLATION AND H.S.E INFORMATION SHEETS.
14. SITE TO BE LEFT IN A CLEAN, TIDY AND COMPLETE STATE WITH ANY DAMAGE TO EXISTING PROPERTY MADE GOOD AT CONTRACTORS EXPENSE.
15. ALL DECORATION ASSUMED TO BE OWNERS RESPONSIBILITY UNLESS AGREED OTHERWISE, HOWEVER, WORK TO INCLUDE THE PROVISION OF ALL SKIRTINGS, ARCHITRAVES,etc, TO CLIENTS REQUIREMENTS.
16. UNDERGROUND DRAINAGE HAS BEEN SURVEYED AS BEST AS CAN BE WITHOUT EXPOSURE OF DRAIN RUNS. BUILDER IS TO SATISFY HIMSELF OF THE DEPTH, SIZE, MATERIAL, GRADIENTS, DIRECTION,etc.
17. CLIENT AND BUILDERS ATTENTION IS DRAWN TO THEIR OBLIGATIONS UNDER THE CURRENT HEALTH AND SAFETY (CONSTRUCTION AND DESIGN MANAGEMENT) REGULATIONS. ADVICE SHOULD BE SOUGHT FROM THE LOCAL HEALTH AND SAFETY EXECUTIVE OFFICE AND, WHERE APPROPRIATE, A CDM CO–ORDINATOR.
18. BUILDER TO CONTACT LOCAL WATER AUTHORITY TO INSPECT CONNECTIONS AND ARRANGE CCTV/ INSPECTIONS AS NECESSARY.

READ IN CONJUNCTION WITH ALL OTHER SPECIALIST AND CONSULTANT DRAWINGS, SPECIFICATIONS, SCHEDULES, DESIGN RISK ASSESSMENTS, METHODS OF WORK, etc.

READ IN CONJUNCTION WITH ALL PLANNING AND BUILDING REGULATION APPROVAL DOCUMENTATION INCLUDING CONDITIONS.

ENSURE ANY PLANNING PRE–COMMENCMENT CONDITIONS ARE DISCHARGED PRIOR TO COMMENCEMENT OF ANY WORK.

ENSURE ANY PLANNING PRE–OCCUPATION CONDITIONS ARE DISCHARGED PRIOR TO OCCUPATION OF THE BUILDING.

STATUS:
PLANNING/BUILDING REGULATIONS

PROJECT:
NEW PORCH @ No67 AMBLESIDE AVENUE, SOUTH SHIELDS, TYNE AND WEAR.

CLIENT:
Mr and Mrs SELBY

DRAWING TITLE:
EXISTING AND PROPOSED

SCALE:	DATE:	
1:100,1:50,1:20	21.07.10	A1
DRAWN BY: KJ	REV:	

DRG No:
ST/PL/0094/001

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