

EXTERNAL WALLS BELOW DPC:
NEW WALLS BELOW DPC TO BE CONSTRUCTED OF SKINS OF 100MM BLOCKWORK INNER LEAF AND 100MM BLOCKWORK OUTER LEAF APPLICABLE FOR BELOW GROUND CONDITIONS. ALL CAVITIES TO BE FILLED WITH LEAN MIX CONCRETE UP TO 225MM BELOW DPC, SPLAYED OUTWARDS TO THE OUTER SKIN.
PRECAST CONCRETE UNITS TO BE PROVIDED WHERE PIPES PASS THROUGH WALLS OR FOUNDATIONS.
50MM CLEAR GAP TO BE PROVIDED AROUND PIPES PASSING THROUGH WALLS WITH OPENINGS
MASKED BOTH SIDES WITH RIGID SHEET MATERIAL TO PREVENT ENTRY OF VERMIN OR FILL.

ROOF & FLOORS (APPROVED DOCUMENT PART A 1/2):
FLOOR AND ROOF STRUCTURE TO HAVE JOGGS, AND LATERAL + VERTICAL RESTRAINT STRAPS
SECURED TO WALLS TO BS EN 845-1 (GALVANIZED MILD STEEL OR AUSTENITIC STAINLESS STEEL, MIN.
CROSS-SECTION TO BE 30MM X 5MM, MIN. 80N TENSILE STRENGTH) NOT TO EXCEED 2000MM
INTERVALS. REFER TO APPROVED DOCUMENT PART A/1 DIAGRAMS 15 & 16 AND SECTION 2C35A2C36.
ROOF LAYOUT IS SHOWN AS INDICATIVE AND SUBJECT TO SPECIALIST & STRUCTURAL ENGINEER'S
DESIGN & SPECIFICATION.

DAMP PROOF MEMBRANE:
PROVIDE RW D.P.C.'S AT A MINIMUM OF 150MM ABOVE GROUND LEVEL TO NEW WALLS.
GAS RESISTANT DPM ONLY REQUIRED IF RADON PRESENT. RW GAS SEAL BLACK OR SIMILAR, AND
ANGULAR COMPONENTS MUST BE INSTALLED WITH THE RECOMMENDATIONS OF BRE NO 211 8414 OR
ALTERNATIVELY USE TYPICAL 1200 GAUGE DPM. THE DPM SHOULD BE INSTALLED ON A BUNDED OR
SMOOTH SURFACE TO ALLOW ADEQUATE OVERLAP FOR JOINING BETWEEN SHEETS AND AVOID BRIDGING
DPM SHOULD BE TAKEN UP NEW WALLS TO DPC LEVEL AND INCORPORATED BENEATH IT IN THE INNER
SKIN TO FORM CONTINUOUS BARRIER. DPM AND CAVITY TRAYS SHOULD BE OVERLAPPED BY MIN 150MM
AND BONDED WITH BUTYL JOINTING TAPE AND SECURED WITH FOL BACKED GRTH JOINTING TAPE. ENSURE
MEMBRANE IS CLEAN AND DRY AT POINT OF JOINTING. AIR TIGHT SEALS SHOULD BE FORMED AROUND ALL
SERVICE ENTRY POINTS. PERFORATIONS OR PUNCTURES IN THE SHEET SHOULD BE COVERED WITH
ANOTHER PART OF THE SHEET. HAVE AN OVERLAP OF MIN 150MM AND BONDED WITH BUTYL JOINTING
TAPE AND SECURED WITH FOL BACKED GRTH JOINTING TAPE.

FOUNDATION DESIGN:
BY STRUCTURAL ENGINEER & AS PER DRAWINGS AND SPECIFICATION.
PLEASE NOTE: NOTWITHSTANDING THE REPRESENTATION ON THE DRAWINGS, FOUNDATIONS TO MEET
THE REQUIREMENTS OF THE BUILDINGS REGULATION/NHBC IN ALL RESPECT.

STEELWORK:
ALL STEELWORK, LINTEL AND PADSTONES SPEC TBC BY S.E.
BUILD IN CAVITY TRAYS ABOVE EACH EXTERNAL LINTEL AND PROVIDE WEEPHOLES @ 900
C/C'S 450mm ABOVE LINTELS AND AT LEAST 2ND PER LINTEL. ALL EXPOSED STEELWORK TO BE
ENCASED IN PLASTERBOARD TO PROVIDE 30 MINUTES FIRE RESISTANCE.
THERMAL BOARD TO STEELWORK WHERE REQUIRED TO PREVENT COLD BRIDGING. DOUBLE PLASTER
BOARD ALL STEELS FOR FIRE PROTECTION.

INTERNAL WALLS:
WALLS & LININGS TO WC
PLASTERBOARD TO BATHROOMS/WC TO BE MOISTURE RESISTANT.
12MM WBP PLY SHEATHING BOARD TO BE INSTALLED BEHIND PLASTERBOARD WHERE BATHROOM AND
KITCHEN FITTINGS ARE TO BE HUNG.

WINDOWS & DOORS:
MEASURE ON SITE PRIOR TO FABRICATION.
MANUFACTURER TO COMPLETE DESIGN TO APPROVED DOCUMENT COMPLIANCE.
LINTELS TO SE SPECIFICATIONS IS LINTELS OR EQUALLY APPROVED. (L) FRAMES TO BE THERMALLY BROKEN. WINDOW UNITS
TO HAVE A MIN. VALUE OF 1.2w/m²K LEVEL THRESHOLD CILL TO BE USED TO ALL EXTERNAL FRONT ENTRANCE DOORS.
DRAFT SEALS ARE TO BE USED (Q) TO ALL EXTERNAL DOORS. ALL WINDOWS TO BE PROVIDED WITH SECURING DEVICE THAT
CANNOT BE SPRUNG FROM OUTSIDE OF THE BUILDING. ALL GF WINDOWS TO HAVE KEY OPERATED LOCK GLAZING IS TO
COMPLY IN ALL RESPECTS OF THE CURRENT BUILDING REGULATIONS. (Q) ALL WINDOWS TO HABITABLE ROOMS ARE TO BE
FIRE ESCAPE WINDOWS, WITH CLEAR UNOBSTRUCTED OPENING AREA OF 330mm² WITH MIN. OPENING OF 450mm WIDE BY
450mm HIGH AND HAVE FROM FLOOR TO BOTTOM OF OPENING. A HEIGHT OF MAXIMUM 1100mm, MINIMUM OF 800mm FITTED
WITH FIRE ESCAPE PROJECTING HINGES. (F) ALL WINDOWS TO BE FITTED WITH TRICKLE VENTILATORS. 5000mm² OPENING TO
HABITABLE ROOMS. 2500mm² OPENING TO KITCHENS, UTILITY AND BATHROOMS WITH 2500mm² OPENING PER WC, SHOWER AND
BATH. 2500mm² OPENING PER m² TO HABITABLE ROOMS. (K4) ALL NEW WINDOWS & DOORS TO BE DOUBLE-GLAZED
WITH SAFETY GLASS TO BS 6206 WITHIN 800mm OF FLOOR DOUBLE GLAZED UNITS TO BE 28mm SEALED
UNITS. 6mm GLASS, 16mm ARGON GAS FILLED, 4mm GLASS UTILISING PULKINGTON LOW E GLASS.

FIRE (APPROVED DOCUMENT PART B):
MANS POWERED INTERLINKED AUTOMATIC SMOKE DETECTORS TO BS8339 P11 WIRED TO SEPARATE FUSE ON
CONSUMER UNIT WITH STANDBY POWER TO BS 5639 PART 6.2004 TO BE PROVIDED. HEAT DETECTORS TO
KITCHEN AREAS WHERE STEELS ARE EXPOSED BENEATH A FLOOR. THE EXPOSED PART MUST BE PROTECTED
WITH MINIMUM FIRELINE BOARD. ENSURE ALL STRUCTURAL STEELWORK TO HAVE MIN. 30 MINUTE FIRE
PROTECTION E.G. DOUBLE PLASTERBOARD.

NEW HEATING AND HOT WATER SYSTEM (IF APPLICABLE):
TO COMPLY WITH ADU PARTS J1, J2, J3, J4, J5 & J6 AND WITH MANUFACTURERS INSTRUCTIONS.
UNDERFLOOR HEATING MANIFOLDS AND WIRING ACCESSIBLE AND DISCREETLY LOCATED. INDIVIDUAL THERMOSTATIC
CONTROL FOR EACH HEATED ROOM. COME BOLDERS THROUGHOUT - HW OUTLET TO SPECIALIST CALCULATION
DEPENDANT ON DEMAND. EFFICIENCY RATING AS PER SAP CALCS MINIMUM. 92% EFFICIENT
PROVIDE COMMISSIONING CERTIFICATE FOR WHOLE SYSTEM. SEAL SERVICE PIPES THROUGH CONSTRUCTION.
CALIBRATE TO OPERATE EFFICIENTLY, AND PROVIDE OFTEC COMMISSIONING CERTIFICATE FOR THE WHOLE SYSTEM.

MECHANICAL & ELECTRICAL:
MECHANICAL AND ELECTRICAL SYSTEM TO FINAL DESIGN & SPECIFICATION OF SPECIALIST SUBCONTRACTOR.
MECHANICAL VENTILATION CAPABLE OF EXTRACTING MOISTURE TO APPROVED DOCUMENT EXTRACT RATES VIA
CEILING AND WALL MOUNTED BATHROOM, AND KITCHEN EXTRACTS LOCATED AS PER DRAWINGS. PROVIDE
MECHANICAL EXTRACT UNITS TO KITCHEN (min 60 l/sec),
TO BATHROOMS/EN-SUITS (min 15 l/sec), W.C. (min 6 l/sec) & UTILITY (min 30 l/sec).
DESIGN, SPECIFICATION AND TESTING BY SPECIALIST CONTRACTOR.
APPROVED DOCUMENT PART P - ALL NEW ELECTRICAL WORK ARE TO BE DESIGNED, INSTALLED, INSPECTED
AND TESTED IN ACCORDANCE WITH BS 7671:2001 OR EQUIVALENT STANDARD. THESE INSTALLATION WORKS ARE
TO BE UNDERTAKEN BY A PERSON REGISTERED WITH AN ELECTRICAL SELF CERTIFICATION SCHEME, OR
ALTERNATIVELY BY A SATISFIED QUALIFIED PERSON, WITH A CERTIFICATE OF COMPLIANCE PRODUCED BY THAT
PERSON AND SUBMITTED TO BUILDING CONTROL UPON COMPLETION OF THE WORKS.
LOW ENERGY LIGHT FITTINGS OF MIN. EFFICIENCY 40 LUMENS PER CIRCUIT-WATT TO BE PROVIDED.
ANY FIXED EXTERNAL LIGHTING TO GUIDANCE OF PARA.48 APPROVED DOCUMENT PART L1A UNO TO COMPLY
WITH CURRENT REGULATIONS - EXTERNAL LIGHTING IS NOT TO EXCEED 150W PER LIGHT FITTING.

KITCHEN & BATHROOM & UTILITY DESIGN:
KITCHEN & BATHROOM TO SPECIALIST DESIGN AND FITTING, WORKING CLOSELY WITH CONTRACTOR TO ENSURE
SERVICES AND FITTINGS CONTINUITY. UTILITY TO CLIENT DESIGN & CONTRACTOR TO FIT.
MECHANICAL AND ELECTRICAL SYSTEM TO FINAL DESIGN AND SPECIFICATION OF SPECIALIST CONTRACTOR.

STAIRCASE:
NEW STAIRS TO HAVE A MAX RISE OF 220mm & MIN GOING OF 220mm WITH PITCH NOT EXCEEDING 42°. THE
HANDRAIL SHOULD BE PROVIDED BETWEEN 900mm & 1000mm ABOVE THE PITCH LINE. BALUSTRADE SHOULD
BE PROVIDED WITH SPACING NO GREATER THAN 100mm AND BE NON-CUMBERABLE TO CHILDREN. A CLEAR
HEADROOM OF 2m TO BE MAINTAINED (ON ALL PARTS OF THE STAIR).

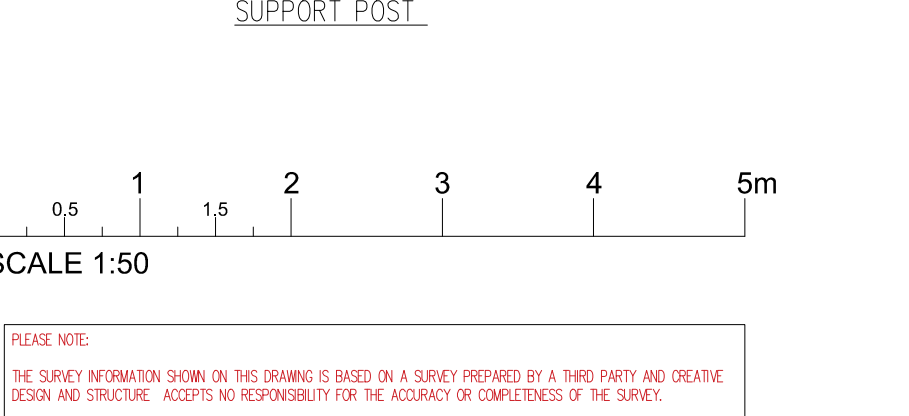
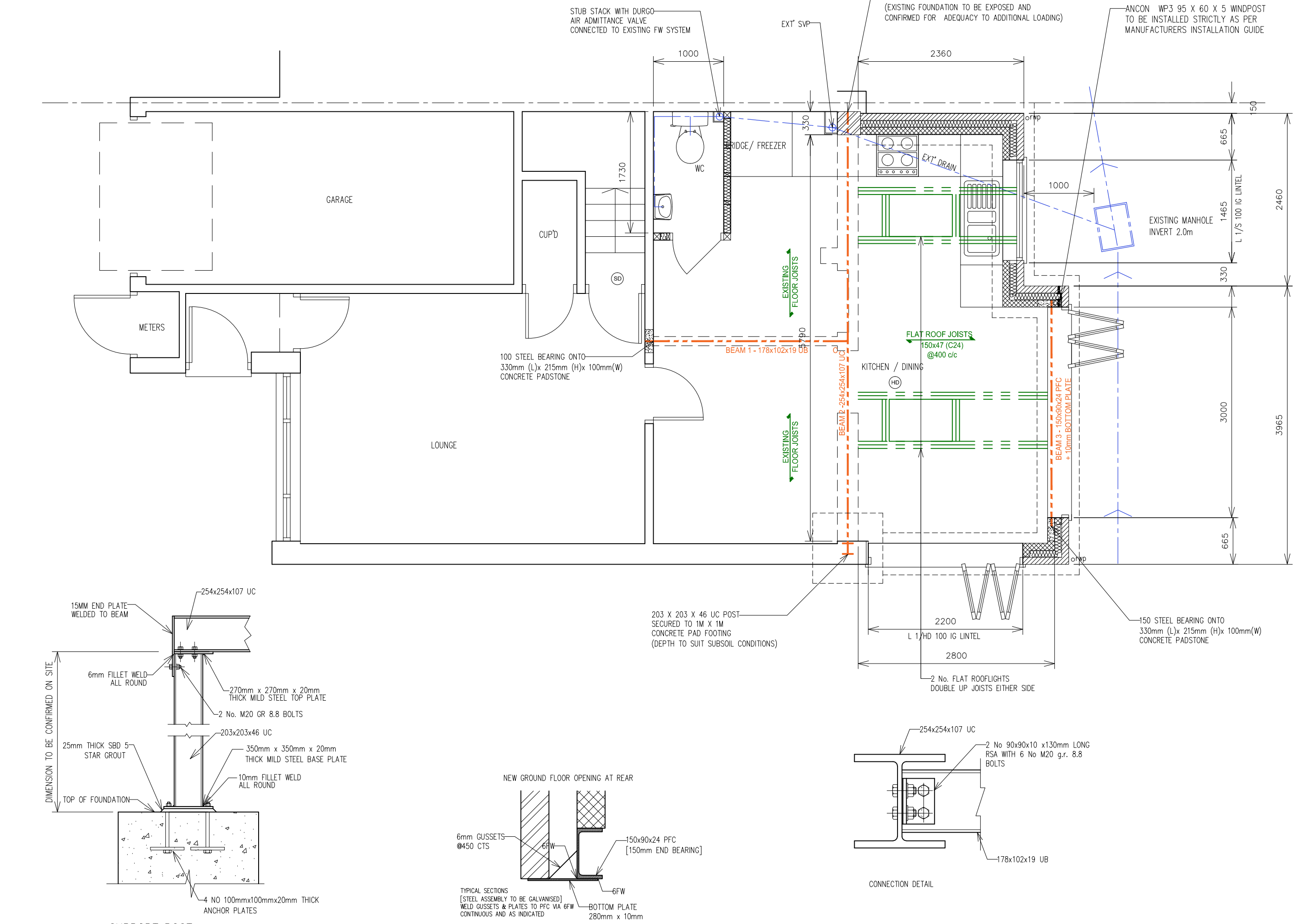
ABOVE GROUND FOUL DRAINAGE:
NEW SVP TO BE 100MM Ø U-PVC CONNECTED TO EXISTING UNDERGROUND FOUL WATER SYSTEM AND
TERMINATING AT PROPRIETARY AIR ADMITTANCE VALVE.
SVP'S TO BE FITTED WITH AN ACCESS PANEL AT THE BASE OF PIPE ABOVE GROUND LEVEL.
SANITARY FITTINGS ARE TO BE CONNECTED TO SVP WITH UPVC PIPEWORK AS FOLLOWS:
WC-100MM WASTE.
SHOWER- 38MM Ø WASTE WITH 75MM DEEP SEAL TRAP.
WC-32MM Ø WASTE WITH 75MM DEEP SEAL TRAP.
BRANCHES BETWEEN 1.2M AND 3M TO BE 40MM Ø.
ALL TO BE FITTED WITH ROODING ACCESS (RE-SEALABLE ANTI-SYPHON TRAPS WHERE RUN EXCEEDS 1.2M).
100MM DIA. UPVC SVP'S TO BE ENCASED IN 12.5MM PLASTERBOARD AND SKIM FIXED TO TIMBER FRAMING.
SVP'S PASSING THROUGH HABITABLE ROOMS TO BE INSULATED WITH TIGHTLY PACKED ROCKWOOL 'FLEX'
INSULATION. SVP AT HEAD OF RUN TO BE PROVIDED WITH 75MM Ø VENT, TO TERMINATE THROUGH A PATENT
ROOF VENTILATOR. THE MIN. 800MM ABOVE ANY WINDOW OPENING. OTHER STACKS TO BE PROVIDED WITH
PATENT RELIEF VALVE MIN. 100MM ABOVE THE HIGHEST CONNECTING WASTE PIPEWORK IN UPVC AND
INSTALLATIONS TO COMPLY WITH ALL REQUIRED BUILDING REGULATIONS.
PIPEWORK AND DRAINAGE FOR AN AUTOMATIC WASHING MACHINE IS TO BE PROVIDED. LINEAR DRAINS TO BE
PROVIDED TO ALL EXTERNAL DOOR OPENINGS.

SURFACE WATER:
102mm HALF ROUND GUTTER TO MATCH EXTG CONNECTING Ø63mm UPVC DISCHARGE PIPE
CONNECTED TO EXISTING RW SYSTEM OR NEW 2m³ SOAKAWAYS A MIN OF 5M FROM ANY
BUILDING (H3)

GROUND FLOOR (U-VALUE 0.18)
-65mm SAND/CEMENT SCREED
-VAPOUR CONTROL LAYER
-100mm CELOTEX GA4000 INSULATION
OVER CONCRETE SLAB
-150mm CONCRETE SLAB
-1200g POLYTHENE DPM
-SAND BUNDING
-150mm CONSOLIDATED HARDCORE

EXTERNAL WALLS - BRICK (U-VALUE 0.24w/m²)
-100mm BRICK TO MATCH EXISTING
-100mm FULL FILL DRA-THERM 32 ULTIMATE
MINERAL WOOL CAVITY INSULATION
-100mm AIRCRETE BLOCKWORKS INNER LEAF
(COMPRESSION TO SE SPECS)
-12.5mm PLASTERBOARD
WITH 3mm THISTLE PLASTER SKIM

WARM FLAT ROOF (U-VALUE 0.18)
-GRP FLAT ROOF SYSTEM STRICTLY TO
MANUFACTURER'S RECOMMENDATIONS
-18mm PLYWOOD/OSB
-102mm CELOTEX/AR4000 INSULATION
-VAPOUR CONTROL LAYER
-18mm PLYWOOD DECK
-150x49 FLAT ROOF JOIST @400c/c
-12.5mm PLASTERBOARD
WITH 3mm THISTLE PLASTER SKIM



PLEASE NOTE:
THESE PLANS MUST NOT BE ACTED UPON UNTIL THE APPROPRIATE PLANNING
AND BUILDING REGULATION APPROVALS HAVE BEEN GRANTED.
SHOULD THE WORKS BE UNDERTAKEN PRIOR TO THE ABOVE APPROVALS BEING IN
PLACE, IT IS DONE SO ENTIRELY AT THE CLIENTS OWN RISK.

GENERAL NOTES:
ALL DIMENSIONS TO BE CHECKED AND CONFIRMED ON SITE. DO NOT SCALE
DIMENSIONS FROM THIS DRAWING. USE TYPED DIMENSIONS ONLY.
REFER TO ENGINEER'S DRAWINGS AND SPECIFICATION FOR ALL STRUCTURAL AND
SERVICES INFORMATION. ANY DISCREPANCIES BETWEEN THE ARCHITECTS AND
ENGINEER'S DRAWINGS TO BE REPORTED TO THE ARCHITECT IMMEDIATELY.
THE SURVEY INFORMATION SHOWN ON THIS DRAWING IS INDICATIVE AND CREATIVE
DESIGN AND STRUCTURE LTD ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OR
COMPLETENESS OF THE SURVEY.
DETAILED DESIGN INFORMATION FOR VARIOUS COMPONENTS / CONSTRUCTIONS ARE
INDICATED ON SEPARATE SPECIALIST SUB-CONTRACTOR DRAWINGS, & MAY
SUPERSEDE THE INFORMATION SHOWN ON THIS DRAWING.

CONTRACTOR RISK ASSESSMENT:
GENERAL NOTES:
ALL CONSTRUCTION ARE SUBJECT TO CONSTRUCTION DESIGN AND MANAGEMENT
REGULATIONS 2015 (CDM).
SITE ACCESS & DELIVERIES:
CONTRACTOR TO CAREFULLY CONTROL MANOEUVRING OF DELIVERY VEHICLES TO
SITE.
CONTRACTOR TO ENSURE NO VEHICULAR PARKING OR OFFLOADING IN
UN-AUTHORISED AREAS AND SEEK PERMITS FOR SUSPENDED PARKING BAYS FROM
THE COUNCIL HERE REQUIRED.
SITE DELIVERIES AND ACCESS MUST CONFORM WITH CONTRACTOR'S SITE STRATEGY.
CONTRACTOR TO PROVIDE AND MAINTAIN SECURITY TO THE SITE AT ALL TIMES
DURING CONSTRUCTION TO PREVENT UN-AUTHORISED ACCESS. ANY SCAFFOLDING IS
TO BE ALARMED.

SITE ACCESS & DELIVERIES:
CONTRACTOR TO DEVELOP WASTE MANAGEMENT PLAN. SCAFFOLDING AND WORKING
AT HEIGHT.
CONTRACTOR TO PROVIDE SCAFFOLDING AND EDGE PROTECTION AND MAINTAIN IN
GOOD AND SAFE CONDITION. REPAIR WHERE REQUIRED.
BARRIERS ARE TO BE INSTALLED AROUND EXCAVATION WORKS AND HARNESSES
SUPPLIED AS NECESSARY.
WORK AT HEIGHT TO BE CARRIED OUT FROM A LEVEL BASE. RISK OF DUST, NOISE
AND VIBRATIONS.
CONTRACTOR TO PLAN CAREFULLY AND CARRY OUT APPROPRIATE RISK
ASSESSMENTS RELATING TO ANY WORKS SUBJECT TO PRODUCING DUST AND HIGH
LEVELS OF NOISE AND VIBRATIONS.
CONTRACTOR TO MEET STANDARDS IN THE CONTROL OF NOISE AT WORK
REGULATIONS 2005.

RISK OF FIRE:
CONTRACTOR TO ENSURE THAT ALL EVACUATION ROUTES ARE KEPT CLEAR OF
ANY OBSTACLES AT ALL TIMES.
CONTRACTOR TO CONSIDER EARLY INSTALLATION OF FIRE BARRIERS AS NECESSARY
TO ENSURE SAFE COMPARTMENTATION AND EXIT IN THE EVENT OF A FIRE DURING
CONSTRUCTION.
APPROPRIATE NUMBER OF FIRE EXTINGUISHERS TO BE PROVIDED.

GENERAL CONTRACTOR NOTES:
REFER TO STRUCTURAL ENGINEER'S AND MANUFACTURER'S DETAILS FOR MAXIMUM
DESIGN LOADS FOR STRUCTURAL ELEMENTS.
AVOID SITE WELDING AND CUTTING WHERE POSSIBLE.
FIRE COMPARTMENTATION, FIRE DETECTION AND MEANS OF ESCAPE TO BE
INSTALLED AS SOON AS POSSIBLE.
ALLOW FOR EARLY INSTALLATION OF FLOORS, STAIRS, AND ROOF TO PREVENT
FALLS FROM HEIGHT AND PROVIDE ADEQUATE PROTECTION WHERE NECESSARY
FLOORS TO BE PROTECTED AS REQUIRED TO PREVENT ANY DEBRIS FALLING
THROUGH OR DAMAGE.
REFER TO UTILITIES RECORDS AND SURVEYS FOR LOCATION OF BURIED CABLES
AND SERVICES. CONTRACTOR TO ENSURE SAFE DIGGING METHODS ARE USED. CARE
SHOULD BE TAKEN DURING EXCAVATIONS BY HAND OR MACHINE. CONTRACTOR TO
LIAISE WITH UTILITIES COMPANIES TO REQUEST PLANS NECESSARY.
ALL WORK TO BE CARRIED OUT BY COMPETENT PRACTITIONERS.

DEMOLITION - EXCAVATION NOTES:
SPECIALIST SUB-CONTRACTOR/CONTRACTOR TO FOLLOW INSTRUCTIONS FROM
STRUCTURAL ENGINEER DURING DEMOLITION WORKS IN REGARD TO LOAD BEARING
ELEMENTS.
CONTRACTOR TO PREPARE DEMOLITION PLAN BEFORE COMMENCING WORK TO AVOID
RISK OF FALLS FROM FROM HEIGHT, INJURY FROM FALLING MATERIALS,
UNCONTROLLED COLLAPSE, RISKED FROM CONNECTED SERVICES, TRAFFIC
MANAGEMENT, WASTE MANAGEMENT, THE EXISTENCE OF HAZARDOUS MATERIALS,
DUST, NOISE, VIBRATION & FIRE.
CONTRACTOR TO ASSESS RISK OF ASPHYXIATION FROM FUMES FROM DEMOLITION
AND USE OF MACHINERY.
CONTRACTOR TO REVIEW ASBESTOS AND ANTHRAX REPORT PRIOR TO UNDERTAKING
DEMOLITION OR STRIP OUT. (IF APPLICABLE)

LEGEND		
	BRICKWORK	(SD) SMOKE DETECTOR
	BLOCK WORK (COMPRESSION TO SE SPEC)	(HD) HEAT DETECTOR
	STEEL BEAMS (REFER TO SE SPEC)	30 min F.R
	CONCRETE PADSTONES	60 min F.R
	ENGINEERING BRICK PIER	F030 30 min FIRE DOOR
	EXTENT OF THE FOUNDATIONS	F040 60 min FIRE DOOR
	TIMBER BEAMS	↑ SPAN DIRECTION

CHECK ADEQUACY OF EXISTING FOOTINGS TO RECEIVE NEW /
ADDITIONAL LOADS - REFER ANY UNCERTAINTY TO THE
ENGINEER
THE CONTRACTOR IS RESPONSIBLE AND LIABLE FOR THE
PROVISION AND / OR OMISSION OF ALL TEMPORARY PROPS
/ SUPPORTS TO THE STRUCTURE TO ENABLE THE WORKS
NEW STEEL BEAMS TO BE CLAD WITH 2 LAYERS 12.5mm
PLASTERBOARD & SET TO ACHIEVE 30 MINUTE FIRE RESISTANCE
PLASTERBOARD JOINTS TO BE STAGGERED
CAVITY CLOSURES-INSERT STAINLESS STEEL TYPE WALL TIES
Ø750 CENTRES HORIZONTALLY & Ø450 CENTRES VERTICALLY
STAGGERED.
PROVIDE TIES @225 VERTICAL CENTRES AT ALL REVEALS
PROVIDE WEEPHOLES EVERY 4th PERPEND
WHERE CAVITY CLOSED BY LINTEL/CAVITY TRAYS.
ALL LINTELS TO HAVE MIN 150 BEARING. ALL NEW WALLS
CONNECTED TO EXISTING MASONRY BY MEANS OF CATNIC
STRONGHOLD WALL CONNECTORS.
NOTE: DOUBLE UP JOISTS TO BE PROVIDED
BELOW BATHS, PARTITION STUD WALLS

PROJECT:	73 QUEENSWAY CAVERSHAM RG4 6SJ
DRAWING TITLE:	PRE EXISTING GROUND FLOOR PLAN



CREATIVE DESIGN &
STRUCTURE

UNIT 1, HENSON HOUSE, NEWTOWN ROAD
HENLEY-ON-THAMES, RG9 1HG
TEL: 01491411922

DRAWN: D.D.	DRAWING NO. 30720-11	REV.
SCALE: 1:50 @ A2		
DATE: JAN 2021		
STATUS: SECTION 73		