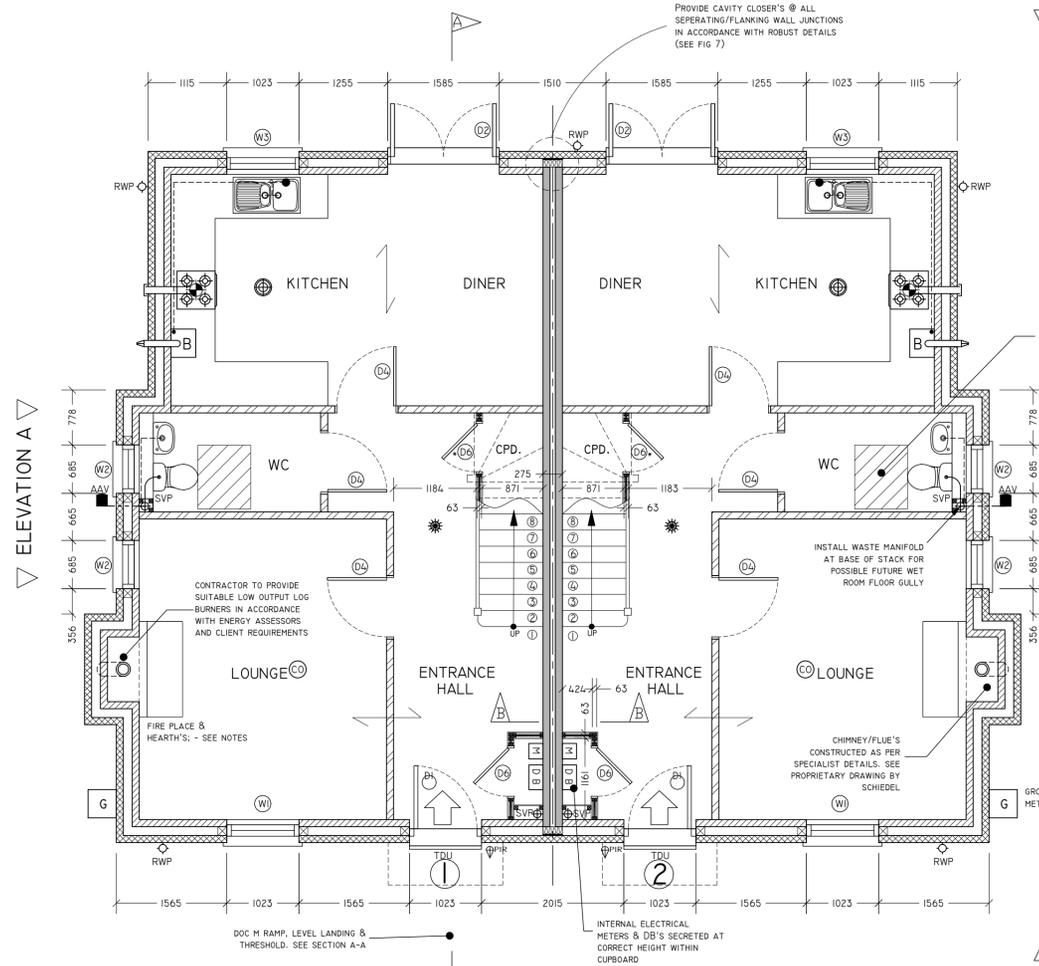
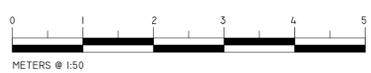


SCALING FOR REFERENCE ONLY. WRITTEN DIMENSIONS SHALL GOVERN
GENERAL NOTES



GROUND FLOOR PLAN



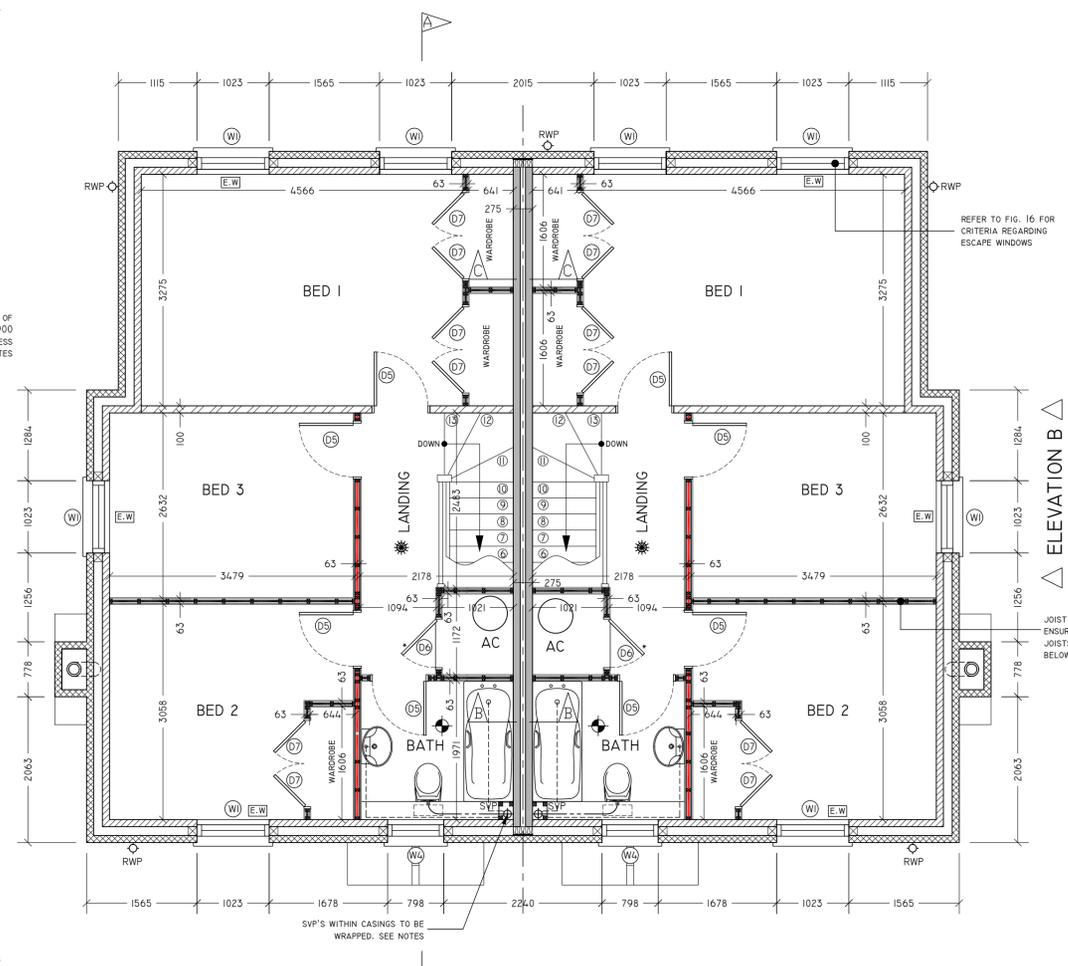
NOTE: RESIDENTIAL SPRINKLER SYSTEMS ARE TO BE INSTALLED TO EACH DWELLING. SEE CONSTRUCTION NOTES

REAR



HATCHED AREA IN FRONT OF WC'S INDICATE DOOR M 900 WIDE X 750 DEEP ACCESS CLEARANCE AREA. SEE NOTES

FRONT

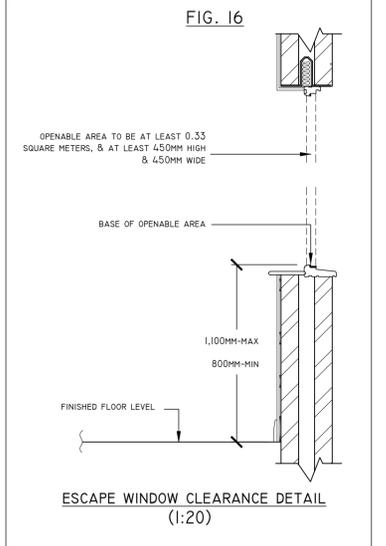
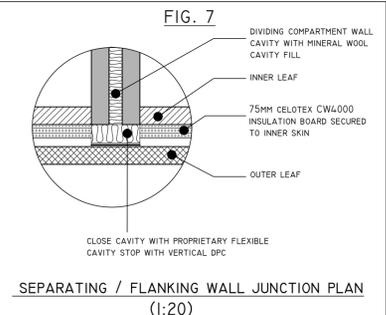


FIRST FLOOR PLAN

REFER TO FIG. 16 FOR CRITERIA REGARDING ESCAPE WINDOWS

JOIST MANUFACTURER TO ENSURE & PROVIDE IN LINE JOISTS OR SUPPORT NODDINGS BELOW PARALLEL STUD WALLS

SVP'S WITHIN CASINGS TO BE WRAPPED. SEE NOTES



WALL LEGEND

	EXTERNAL WALL
	• 100MM FACE BRICKWORK TO EXTERNAL SKIN. - SEE ELEVATIONS
	• 125MM CAVITY
	• 75MM CELOTEX CW4000 INSULATION BOARD SECURED TO INNER SKIN
	• 100MM AIRCRETE THERMAL BLOCKS AS INNER SKIN (MINIMUM K VALUE OF 0.11 OR BETTER)
	• 12.5MM PLASTERBOARD TAPED & JOINTED ON 10MM DABS
	INTERNAL LOAD BEARING MASONRY WALL
	• 7" DENSE CONCRETE BLOCKS
	• 12.5MM PLASTERBOARD (TAPED & JOINTED) ON 10MM DABS TO BOTH SIDES
	INTERNAL STUD WALL 1
	• 63x38MM CLS TIMBER STUDS @ 400MM CTRS
	• 50MM ISOWOOL ACOUSTIC INSULATION BATTS TO STUD CAVITY
	• 15MM TE (TAPED & JOINTED) PLASTERBOARD (MIN DENSITY 10KG/M2) EACH SIDE
	INTERNAL STUD WALL 2
	• 63x38MM CLS TIMBER STUDS @ 400MM CTRS
	• 50MM ISOWOOL ACOUSTIC INSULATION BATTS TO STUD CAVITY
	• 9MM PLYWOOD SHEATHING FIXED TO EACH STUD SIDE-FACE
	• 15MM TE (TAPED & JOINTED) PLASTERBOARD (MIN DENSITY 10KG/M2) EACH SIDE
	DIVIDING COMPARTMENT WALL: ROBUST DETAILS WALL TYPE 'E-WM-L'
	• 75MM CENTRAL CAVITY FILLED WITH DRY-THERM CAVITY WALL INSULATION (MAX DENSITY OF 40 KG/M3)
	• 100MM SOLID CONCRETE BLOCKS TO BOTH SKINS. DENSITY 1350 TO 1600 KG/M3
	• 9MM 6:1 SAND & CEMENT SCRATCH-COAT RENDER TO EACH BLOCK FACE
	• 1 LAYER OF 12.5MM SOUND-BLOCK PLASTERBOARD ON 10MM DABS TO EACH BLOCK FACE OVER SCRATCH-COAT RENDER

PROVIDE MOISTURE RESISTANT PLASTERBOARD IN WET ROOMS, WASHROOMS & KITCHENS ETC

LEGEND

	THERMAL CAVITY CLOSER
	SMOKE DETECTOR
	HEAT DETECTOR
	CARBON MONOXIDE DETECTOR
	ESCAPE WINDOW
	SOIL & VENT PIPE (SVP)
	RAINWATER PIPE (RWP)
	AIR ADMITTANCE VALVE (AAV)
	THRESHOLD DRAINAGE UNIT (TDU)
	CEILING MOUNTED EXTRACTOR FAN
	WALL MOUNTED EXTRACTOR FAN
	WASTE PIPE 32, 40 OR 500
	Ø110 INTERNAL SOIL PIPE
	INTERNAL ELECTRICAL METER
	ELECTRICAL DISTRIBUTION BOARD
	EXTERNAL GROUND-MOUNTED GAS METER CABINET
	PIR ACTIVATED LIGHT FITTING WITH DAYLIGHT CUTOFF
	OBSOURE GLAZING
	DIRECTION OF FIRST FLOOR JOISTS OVER

DOOR SCHEDULE

EXTERNAL DOORS (STRUCTURAL OPENINGS)

D1.....1023(w) x 2100(h) PRINCIPLE MAIN ENTRY DOOR WITH MOBILITY DOOR COMPLIANT THRESHOLD TO SITE SPEC. APPROXIMATE LEAF SIZE = 900MM X 2030MM

D2.....1585(w) x 2100(h) HOWARTH SECURITHERM HIGH PERFORMANCE DOUBLE DOOR SET. APPROXIMATE LEAF SIZE = 727MM X 2030MM

D3.....REMOVED FROM SCHEDULE

INTERNAL DOORS (LEAF SIZES)

D4.....838(w) x 1980(h) INTERNAL DOOR

D5.....792(w) x 1980(h) INTERNAL DOOR

D6.....686(w) x 1980(h) INTERNAL DOOR

D7.....610(w) x 1980(h) INTERNAL DOOR

- THE MAIN GROUND FLOOR ENTRANCE DOOR'S THRESHOLD'S ARE TO BE SLOPED/TAPERED TO PROVIDE DISABLED ACCESS, WITH A MINIMUM CLEAR OPENING WIDTH OF 800MM
- PROVIDE 10MM AIR GAP BELOW BATHROOM & WC DOORS
- DOORS 'MARKED' ARE TO BE CUT TO SIZE IN ACCORDANCE WITH BUILDING PROFILE
- ALL FITTED WITHIN SUITABLE LININGS OR FRAMES
- CHECK SITE DIMENSIONS BEFORE FABRICATION
- ALL EXTERNAL DOOR U-VALUES AS SPECIFIED WITHIN SAP ASSESSORS CALCULATION & PROJECT NOTES
- ALL MODULES TO BE PAINTED WOOD IN ACCORDANCE WITH LPA REQUIREMENTS. EXTERNAL LEAF SIZES STATED ABOVE ARE FOR INDICATION PURPOSES ONLY

DOC. M INTERNAL DOOR CLEARANCE & CORRIDOR MINIMUM WIDTH CRITERIA

DOORWAY CLEAR OPENING WIDTH (mm)	CORRIDOR/PASSAGEWAY WIDTH (mm)
750 OR WIDER	900 (WHEN APPROACH IS HEAD ON)
750 OR WIDER	1200 (WHEN APPROACH IS NOT HEAD ON)
775 OR WIDER	1050 (WHEN APPROACH IS NOT HEAD ON)
900 OR WIDER	900 (WHEN APPROACH IS NOT HEAD ON)

WINDOW SCHEDULE STRUCTURAL OPENING SIZES (IN MM) BESPOKE WOODEN SLIDING SASH UNITS BY HOWARTH JOINERY

W1.....1022(w) x 1275(h)

W2.....685(w) x 1050(h)

W3.....1022(w) x 1050(h)

W4.....797(w) x 1050(h)

- RAPID OR PURGE VENTILATION IS TO BE PROVIDED BY VERTICAL SLIDING SASHES EQUIVALENT TO AN AREA @ LEAST 1/20TH OF THE FLOOR AREA OF EACH HABITABLE ROOM
- PROVIDE OBSCURE GLAZING TO ALL BATHROOMS & WC'S
- OVERALL GLAZING U-VALUES AS SPECIFIED IN SAP ASSESSORS CALCULATIONS & PROJECT NOTES
- OVERALL GLAZING G-FACTOR AS SPECIFIED IN SAP ASSESSORS CALCULATIONS & PROJECT NOTES
- PROVIDE FIRST FLOOR ESCAPE WINDOWS WHERE INDICATED 'EW'. SEE ALSO FIG. 16
- CHECK SITE DIMENSIONS BEFORE FABRICATION
- DIMENSIONS STATED EXCLUDE STONE SILLS AND HEADERS
- ALL MODULES TO BE PAINTED IN ACCORDANCE WITH LPA REQUIREMENTS.
- SAFETY GLAZING TO BE PROVIDED IN CRITICAL AREAS (BELOW 800MM) COMPLYING WITH BS6206 (1981)

PHYSICAL PROTECTION / STRUCTURE DOORS AND WINDOWS (TO INCLUDE ALL OUT-BUILDINGS)

ALL ENTRANCE AND EXTERNAL DOORSETS AND ALL GROUND FLOOR WINDOWS ARE TO BE TESTED TO A PAS24 STANDARD AND ACCORD WITH SECURE BY DESIGN (SBD) ADVICE ON LOCKING SYSTEMS.

WINDOWS TO BE CERTIFICATED TO BS7950:1997.

LAMINATE GLAZING TO ALL GROUND FLOOR DOORS AND WINDOWS WILL BE INSTALLED SUBJECT TO ALU/CPDA RECOMMENDATIONS FOR SITE SPECIFIC RISK

BACKGROUND VENTILATION SCHEDULE FOR BOTH PLOTS

TARGET BASED ON GROSSE FLOOR AREA OF 99 SQUARE METERS IS AN OVERALL FREE AREA OF 65,000 SQUARE MILLIMETERS DERIVED FROM TABLE 5.2A OF APPROVED DOCUMENT F. ALSO REFER TO THE VENTILATION PARAGRAPH IN THE CONSTRUCTION NOTES

ROOM NAME	VENTILATION TOTAL AREA FOR ROOM (IN SQUARE MILLIMETRES)
KITCHEN/DINER	10,000
LOUNGE	10,000
WC	5,000
BEDROOM 1	20,000
BEDROOM 2	10,000
BEDROOM 3	10,000
BATHROOM	5,000
VALUE ACHIEVED	70,000

NOTE: THE LOCATION (& CONFIGURATION) OF STRUCTURAL STEEL OR TIMBER BEAMS & POSTS SHOWN ON THESE PLANS IS NOTIONAL. EXACT LOCATIONS ARE TO BE DETERMINED ON SITE, & IN ACCORDANCE WITH STRUCTURAL ENGINEERS' & FABRICATORS DETAILS. ALL STEELWORK IS TO BE FIRE PROTECTED FOR 30 MINUTES. -SEE NOTES

THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ASSOCIATED DRAWINGS & DOCUMENTS SPECIFICALLY PREPARED FOR THIS PROJECT, INCLUDING: DETAILS & CALCULATIONS BY STRUCTURAL ENGINEERS, ENERGY (SAP) ASSESSORS, & ALL OTHER EXTERNAL CONSULTANTS, & OTHER PARTICULAR SITE SPECIFICATIONS. TO VIEW ALL INFORMATION ACCURATELY, THIS DRAWING IS TO BE PRINTED AS SEEN ON SCREEN PDF WITH ALL DWG. PLOT STYLES (COLOURED/SHADED WHERE APPLICABLE) DISPLAYED

THIS DRAWING IS FOR GENERAL REFERENCE AND THE PURPOSES OF OBTAINING LOCAL AUTHORITY [OR APPROVED INSPECTORATE] APPROVALS ONLY. THIS IS NOT A WORKING DRAWING. ALL FINAL DIMENSIONS MUST BE DETERMINED ON SITE AT THE SETTING OUT STAGE OF THE WORKS. DISCREPANCIES ARE LIKELY, AND IF NECESSARY ARE TO BE VERIFIED WITH CLIENT/AGENT BEFORE WORK PROCEEDS. IT IS THE RESPONSIBILITY OF THE CLIENT AND THE APPOINTED BUILDING CONTRACTOR TO OBSERVE ALL RELEVANT HEALTH AND SAFETY RULES INCLUDING THE CONSTRUCTION (DESIGN & MANAGEMENT) REGULATIONS, THE PARTY WALL ACT, THE CONSTRUCTION ACT, ALL AS APPLICABLE

REV	PA	DATE	DESCRIPTION
A	PA	9.8.2019	DOMESTIC SPRINKLER SYSTEMS ADDED

REVISIONS / AMENDMENTS

ORIGINAL SCALE SIZE 100MM-THIS DRAWING MAY HAVE BEEN REDUCED

CLIENT: NFPN AUTHORITY

SITE: LAND ADJACENT TO COUNCIL CAR PARK, BURLEY

PROJECT: 2 NEW-BUILD SEMI-DETACHED DWELLINGS

DWG. TITLE: PROPOSED FLOOR PLANS & GENERAL ARRANGEMENT

DWG. STATUS: AS PROPOSED

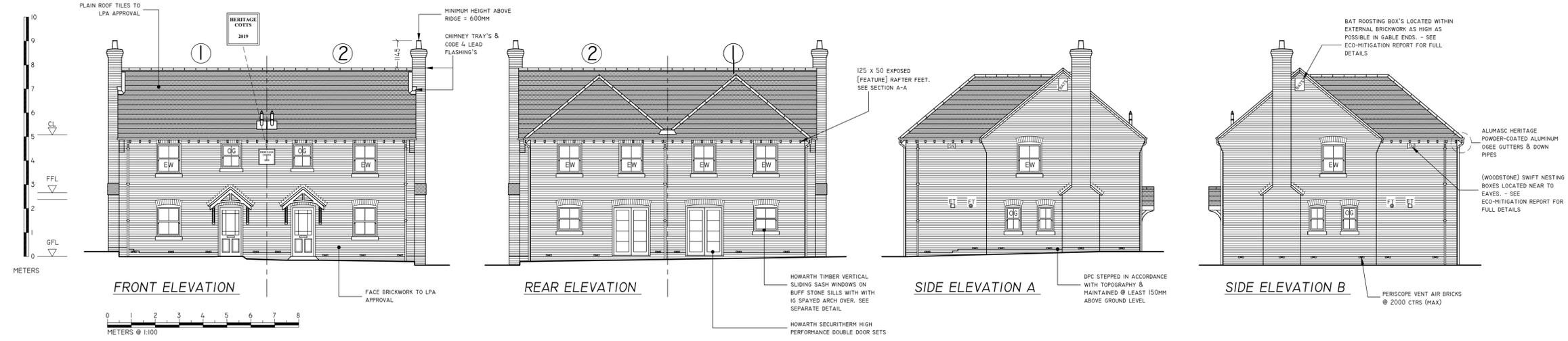
DWG. No. P574/201 REVISION: A

DRAWN BY: PA DATE: JUNE 2019

CHECKED BY: SA DATE: JUNE 2019

SCALE: 1:50 & AS NOTED @ AI

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LEGEND	
EW	ESCAPE WINDOW
OG	OBSCURE GLAZING
FT	BOILER FLUE TERMINAL
ET	EXTRACTOR FAN TERMINAL

NOTE
RESIDENTIAL SPRINKLER SYSTEMS ARE TO BE INSTALLED TO EACH DWELLING. SEE CONSTRUCTION NOTES

CONSTRUCTION NOTES & SPECIFICATION

GENERAL

- IT IS THE RESPONSIBILITY OF ALL CONTRACTORS TO ENSURE THAT ALL MATERIALS & COMPONENTS ARE SUITABLE FOR THEIR INTENDED PURPOSE & LOCATION. THEY MUST BE MANUFACTURED & INSTALLED IN ACCORDANCE WITH ALL RELEVANT CODES OF PRACTICE, BUILDING REGULATIONS/NBC REQUIREMENTS, & MANUFACTURERS SPECIFICATION. ANY REFERENCE TO AN APPROVED DOCUMENT (OR SOMETIMES "PART") IN THIS SPECIFICATION, REFERS TO AN APPROVED DOCUMENT OF THE BUILDING REGULATIONS.
- GENERALLY DIMENSIONS SHOWN ARE IN MM & TAKEN FROM BARE MASONRY, TIMBER & STEEL FRAME STRUCTURES
- PROPRIETARY PRODUCTS INDICATED MAY BE SUBSTITUTED WITH AN APPROVED EQUIVALENT OR SUPERIOR
- APPLIANCE & FITTINGS (WITH PARTICULAR REFERENCE TO ELECTRICAL SOCKETS, LIGHT FITTINGS, SWITCH GEAR & RADIATORS ETC.) POSITIONS SHOWN ON PLANS ARE FOR INDICATION PURPOSES ONLY. PRECISE LOCATIONS ARE TO BE DETERMINED ON SITE IN ACCORDANCE WITH CLIENT, MANUFACTURERS, LEGISLATION OR END-USER REQUIREMENTS. THESE SYMBOLS DO NOT IN NO WAY SUPPORT OR REPRESENT ANY KIND OF MECHANICAL OR ELECTRICAL DESIGN OR LAYOUT
- BATHROOM & KITCHEN LAYOUTS ARE NOTIONAL & INTENDED FOR INDICATION PURPOSES ONLY. DESIGNS WILL BE SUBJECT TO PRECISE CLIENT REQUIREMENTS & SPECIALIST APPRAISAL.
- REFER TO STRUCTURAL ENGINEERS DRAWINGS & SPECIFICATIONS FOR FULL & ACCURATE STRUCTURAL INFORMATION
- REPORT ALL INCONSISTENCIES, ERRORS OR OMISSIONS. IF IN DOUBT **ASK**

VENTILATION

- ALL NEW WINDOW FRAMES TO BE SUPPLIED WITH TRICKLE VENTS PROVIDING A MINIMUM FREE VENTILATION AREA OF 2,500 SQMM FOR KITCHEN UTILITY ROOMS, BATHROOMS AND SEPARATE SANITARY ACCOMMODATION, & 5000 SQMM FOR ALL OTHER HABITABLE ROOMS.
- DWELLINGS ARE TO BE PROVIDED WITH A MINIMUM OF BACKGROUND VENTILATION AS DETAILED IN THEIR RESPECTIVE SCHEDULES. THIS HAS BEEN CALCULATED IN ACCORDANCE WITH TABLE 5.2A OF APPROVED DOC. F. ENSURE THE MINIMUM REQUIREMENTS FOR EACH ROOM ARE TO BE MET IN ACCORDANCE WITH POINT 1 ABOVE. OVERALL DWELLING CROSS VENTILATION SHOULD BE ACHIEVED BY LOCATING VENTILATORS ACROSS AT LEAST 2 FACADES. IF THE DWELLING ONLY HAS ONE EXTERNAL FACADE, CIRCULATION MAY BE ACHIEVED BY PLACING VENTILATORS AT HIGH & LOW LEVEL WITHIN EACH ROOM. ADDITIONAL VENTILATORS OTHER THAN TRICKLE VENTS LOCATED IN WINDOW OR DOOR FRAMES, MAY BE TYPE TUBE VENTS THROUGH THE MASONRY WALLS
- BATHROOM & SHOWER ROOMS ARE TO BE FITTED WITH AN EXTRACT FAN TO MOVE NO LESS THAN 15 LITRES/SEC. WCs (WITHOUT OPEN-WALL WINDOWS) ARE TO BE FITTED WITH EXTRACT FANS TO MOVE NO LESS THAN 6 LITRES/SEC. ALL EXTRACT FANS ARE TO BE OPERATED BY FULL CORG LIGHT SWITCH WITH A 30 MINUTE OVER-RUN. FAN DUCTS ARE TO TERMINATE EXTERNALLY THROUGH PROPRIETARY VENT/RIDGE TILES. WALLS OR SOFFITS WITH SUITABLE TERMINALS OR GRILLES
- MANUALLY OPERATED EXTRACTOR FANS TO BE INSTALLED TO KITCHENS & UTILITY ROOMS TO MOVE NO LESS THAN 30 LITRES/SEC. THOSE NOT DIRECTLY OVER KITCHEN HOB ARE TO MOVE NO LESS THAN 60 LITRES/SEC
- ALL FANS SHALL BE SIZED & SELECTED ACCORDING TO OVERALL DUCTWORK LENGTH, NO. OF BENDS & OVERALL RESISTANCE
- RAPID/PURGE VENTILATION (OPEN-ABLE WINDOWS) ARE TO FORM A MINIMUM OF ONE TWENTIETH OF THE FLOOR AREA OF EACH HABITABLE ROOM

ABOVE & BELOW GROUND DRAINAGE

- ALL VENTED SOIL STACKS ARE TO TERMINATE AT LEAST 1000MM ABOVE & 3000MM HORIZONTALLY WAY FROM THE NEAREST OPENING WINDOW.
- HORIZONTAL RUNS TO HAVE AN OPTIMUM FALL OF 1:40 OR A MINIMUM OF 1:80
- INSTALL SUITABLE ACCESSWAYS TO ENSURE ALL LINEAR RUNS ARE ACCESSIBLE FOR RODDING
- ABOVE GROUND RUNS TO BE FIXED AT REGULAR INTERVALS ACCORDING TO MANUFACTURERS RECOMMENDATIONS USING CLIPS AND PROPRIETARY FIXINGS
- ALL SANITARY APPLIANCES TO BE FITTED WITH ANTI-VAC RESEALABLE TRAPS WITH 75MM SEAL
- DRAINS BELOW FLOOR SLABS WILL HAVE 100MM OF PEA SHINGLE AROUND THE PIPES. IF THE CROWN OF THE PIPE IS WITHIN 300MM OF THE SLAB UNDERSIDE, THEY WILL BE ENCASED WITH CONCRETE
- DISBURD DRAINS ARE TO BE CAPED WITH AN AIR TIGHT SEAL
- TUBE DIAMETERS: WC & MAIN DRAIN RUNS 110Ø, BATH, SHOWER & SINK 40Ø, BASINS & BIDET 32Ø, ALL METRIC UPVC. WASTE PIPE RUNS (BATH, BASIN, SHOWER, SINK ETC.) RUNS EXCEEDING 2.5M SHALL BE UP-SIZED TO 50Ø
- BELOW GROUND DRAINS PASSING THROUGH FOOTINGS WILL BE SLEEVED OR BRIDGED USING PRE-STRESSED CONCRETE LINTELS. REFER TO FIG 1.1
- ALL SIPS WITHIN CASINGS & FLOOR VOIDS ARE TO BE WRAPPED IN 1 LAYER OF MINERAL WOOL INSULATION QUILT WITH A MINIMUM THICKNESS OF 25MM & DENSITY OF 10 KG/CUBIC METER
- AIR ADMITTANCE VALVES MAY BE USED AS SVP TERMINALS WHERE NECESSARY & APPROPRIATE, AND WITH THE KNOWLEDGE & PERMISSION OF THE BUILDING CONTROL SURVEYOR. ENSURE VALVES ARE MADE ACCESSIBLE AND ARE ABOVE THE FLOOD LEVEL OF THE HIGHEST SANITARY APPLIANCE.

WATER EFFICIENCY

- WATER EFFICIENCY CALCULATIONS ARE TO BE PROVIDED (FOR EACH UNIT) TO DEMONSTRATE THAT THE REQUIRED AMOUNT OF 125 LITRES PER HEAD PER DAY IS NOT EXCEEDED.
- A SCHEDULE OF MANUFACTURERS DETAILS OF THE PROPOSED FITTINGS & APPLIANCES IS TO BE ALSO SUPPLIED CONFIRMING ADHERENCE TO THE CALCULATIONS REFERRED TO IN POINT 1 ABOVE
- PROVIDE A MIXER/BLENDED VALVE ON ALL HOT WATER SUPPLIES TO BATH TAPS. TEMPERATURE IS NOT TO EXCEED 48° C. THE BLENDER VALVE IS TO BE LOCATED AS CLOSE TO THE OUTLET AS POSSIBLE

FIRE ALARM

- A MAINS FED SMOKE FIRE DETECTION & ALARM SYSTEM SHALL BE INSTALLED TO EACH DWELLING UNIT, WITH FULL BATTERY BACK UP. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH BS 5839-6:2004, TO AT LEAST A CATEGORY LD3 STANDARD
- ALL DETECTORS WITHIN ARE TO BE INTERLINKED.
- THE FIRE ALARM SYSTEM SHALL BE SERVICED AND MAINTAINED IN ACCORDANCE WITH THE MANUFACTURERS GUIDELINES AND INSTRUCTIONS.

RESIDENTIAL SPRINKLER SYSTEMS

- RESIDENTIAL SPRINKLER SYSTEMS ARE TO BE INSTALLED TO EACH DWELLING UNIT.
- THE SYSTEMS ARE TO BE DESIGNED AND INSTALLED IN ACCORDANCE WITH BS 9251:2005, AS WELL AS:
 - SPRINKLER SYSTEMS FOR RESIDENTIAL & DOMESTIC OCCUPANCIES.
 - RELEVANT CODES OF PRACTICE.
 - DD 252:2002, COMPONENTS FOR RESIDENTIAL SPRINKLER SYSTEMS.
 - SPECIFICATION & TEST METHODS FOR RESIDENTIAL SPRINKLERS.

GLAZING

- NEW GLAZED WINDOWS AND EXTERNAL DOORS WILL ACHIEVE A MINIMUM U AND G VALUES AS STATED IN THE SAP ASSESSORS CALCULATIONS AND PROJECT NOTES
- THEY WILL BE DOUBLE GLAZED WITH A 16MM AIR GAP AND A SOFT LOW E COATING
- SAFETY GLAZING TO BE PROVIDED IN CRITICAL AREAS COMPLYING WITH BS6206:1981

ELECTRICAL INSTALLATIONS

- THE ELECTRICAL INSTALLATIONS SHALL BE CARRIED OUT IN ACCORDANCE WITH APPROVED DOCUMENT "P", BS 7671 (IEE REGULATIONS), & THE ELECTRICITY AT WORK REGULATIONS 1989.
- THE INSTALLATION WILL NEED TO BE SUBJECT TO THE SUBMISSION OF AN "ELECTRICAL INSTALLATION CERTIFICATE" AND THE TEST RESULTS ARE TO BE CARRIED OUT BY A QUALIFIED N.I.C.E.I.C REGISTERED ENGINEER, WHO IS TRAINED IN THE TESTING PROCEDURES. A COPY OF THE TEST & THE CERTIFICATES MUST BE SENT TO BUILDING CONTROL OR OTHER APPROVED INSPECTORATE

DISABLED PROVISION & ACCESS

- THE CLEARANCES AROUND THE PRINCIPLE GROUND FLOOR WC & MAIN FIRST FLOOR BATHROOM WILL BE AS INDICATED ON THE FLOOR PLANS & IN ACCORDANCE WITH THE CSH "LIFETIME HOMES" PUBLICATION, REFER TO M/A DRAWING NO. 0280/P541/301 FOR FURTHER INFORMATION. THE EXTERNAL APPROACH TO THE MAIN ENTRY DOORS, AND THE MAIN EXTERNAL CIRCULATION AREAS WILL BE FIRM & LEVEL TO SUIT WHEELCHAIR USERS AND THOSE ON CRUTCHES. (CROSS FALLS AT 1:40 OR GREATER ARE DEEMED AS LEVEL) & RELATIVELY SMOOTH & BE AT LEAST 900MM WIDE. MORTAR JOINTS BETWEEN SLABS OR PAVING WILL BE POINTED FLAT. ADJOINING LANDSCAPES SUCH AS BRANCHING PATHS OR DRIVEWAYS WILL BE FLUSH AT THE ADJOINING SURFACE. IF RAMPED APPROACHES ARE TO BE USED DUE TO THE TOPOGRAPHY OF THE SITE, THEY ARE TO BE NO STEEPER THAN 1:15. RAMPS LONGER THAN 10M SHALL HAVE TOP, BOTTOM & INTERMEDIATE LANDINGS (IF REQUIRED), OF A LENGTH OF NO LESS THAN 1.2M
- THE PRINCIPLE EXTERNAL DWELLING FRONT ENTRY DOORS WILL HAVE A CLEAR OPENING OF NOT LESS THAN 775MM, AND A SUITABLE DOCUMENT M COMPLIANT MOBILITY THRESHOLD TO ALLOW DISABLED ACCESS. SEE FIG. SECTION A-A
- LIGHT SWITCHES & FUSED SPURS ARE TO BE 1100MM FROM FINISHED FLOOR LEVEL TO THE CENTERLINE. SOCKET OUTLETS WILL BE 550MM
- SERVICE CONTROLS SHOULD BE WITHIN A HEIGHT BAND OF 450MM TO 1200MM FROM FINISHED FLOOR LEVEL, & AT LEAST 300MM AWAY FROM AN INTERNAL CORNER.

CAVITY TRAYS & FLASHINGS

- PROVIDE SUITABLE FLASHINGS WITH A MINIMUM 150MM UPSTAND WHERE AN ADJOINING ROOF ABUTS MASONRY FLANKING WALLS & CHIMNEY STACKS.
- STEP FLASHINGS ARE TO BE PROVIDED WHERE THE ROOF ABUTS THE WALL AT AN ANGLE
- CAVITY TRAYS ARE TO BE LINKED TO FLASHINGS IN ALL CASES, & STEPPED IN THE CASE OF A STEPPED FLASHING. CAVITY TRAYS MUST RISE ACROSS THE CAVITY BY A MINIMUM OF 1:10MM IN ACCORDANCE WITH BUILDING REGULATIONS & NHBC REQUIREMENTS. WEEPHOLE DRAINS ARE TO BE PROVIDED AT BASE OF CAVITY TRAY IN PERPENDICULAR BRICKWORK JOINTS @ 1,500MM CTRS (APPROX.)
- CAVITY TRAYS ARE TO BE PROVIDED OVER ALL CAVITY OPENINGS, INCLUDING WINDOWS, DOORS AND METER BOXES ETC.

HEATING SYSTEMS

- THE WET HEATING SYSTEM SHALL BE INSULATED & CONTROLLED IN ACCORDANCE WITH APPROVED DOCUMENT "L", & THE "DOMESTIC HEATING COMPLIANCE GUIDE"
- ALL DWELLINGS ARE TO BE HEATED USING WET SYSTEMS POWERED BY A GAS BOILER. INDIVIDUAL WALL HUNG RADIATORS ARE TO BE USED AS HEAT EMITTERS TO ALL ROOMS AND ADJOINING AREAS
- BOILER FLUE TERMINALS DIRECTED AT, & WITHIN 2.5M OF A BOUNDARY, MUST BE FITTED WITH AN APPROVED "ANTI-FLUING" DEVICE
- INSTALLATIONS WILL BE UNDERTAKEN BY A GASAFE REGISTERED INSTALLER. THE APPROPRIATE BENCHMARK CERTIFICATES WILL BE ISSUED BY THE INSTALLER UPON COMPLETION OF THE WORKS.
- PROVIDE NEW CONDENSING/HIGH EFFICIENCY BOILERS WITH A MINIMUM SEDBUK EFFICIENCY RATING AS NOTED WITHIN THE SAP ASSESSORS CALCULATION PACKAGE (SEE SAP INPUT & SURVEY NOTES DOCUMENTS). CONTRACTORS ARE TO CHECK BOILERS ARE COMPLIANT WITH SAP ASSESSORS CALCULATIONS PRIOR TO INSTALLATION. ENSURE EACH BOILER IS CAPABLE OF ILLUSTRATED FUE EXIT RUN. ENSURE BOILER COMPARTMENTS PROVIDE ADEQUATE CLEARANCES PRIOR TO CONSTRUCTION & INSTALLATION
- HEATING CONTROLS ARE TO BE INSTALLED AS INDICATED WITHIN THE SAP ASSESSORS CALCULATIONS. (SEE SAP INPUT & SURVEY NOTES DOCUMENTS).
- IT IS THE RESPONSIBILITY OF THE APPOINTED CONTRACTOR TO ENSURE THAT THE CONSTRUCTION DESIGN DETAILS SHOWN IN THESE DRAWINGS AND USED IN THE CHECKLIST OF THE SAP CALCULATIONS ARE ADHERED TO. USE CHECKLISTS PROVIDED IN APPENDIX A OF APPROVED DOCUMENT L1A. FAILURE TO DO SO MAY RESULT IN THE FINAL EPC BEING WITHHELD.

STAIRS

- MANUFACTURER IS TO CHECK SITE DIMENSIONS BEFORE FABRICATION
- MINIMUM GOING: 220MM. MAX RISE: 220. TWICE THE RISE + THE GOING IS TO BE BETWEEN 550 & 700MM
- THE MAXIMUM PITCH ANGLE SHALL NOT EXCEED 42°
- MINIMUM HEADROOM ABOVE FITCH LINE TO BE NO LESS THAN 2000MM.
- MINIMUM GOING ON TAPERED TREADS SHALL BE 50MM
- HAND RAILS SHALL BE FITTED TO AT LEAST ONE SIDE AND BE BETWEEN 900 & 1000MM ABOVE THE PITCH LINE AND SHALL NOT BE CLIMBABLE.
- HAND RAILS & GUARDING TO LANDINGS ARE TO BE @ LEAST 900MM HIGH AND DESIGNED TO WITHSTAND A SIDEWAYS FORCE OF 0.36 KN/M
- THERE ARE TO BE NO OPENINGS WITHIN ANY STAIR RISERS, GUARDING OR BALUSTRADES THAT WOULD PERMIT A SPHERE GREATER 100MM IN DIAMETER TO PASS THROUGH.
- ALL HANDRAILS AND BALUSTRADES ARE TO BE DESIGNED IN SUCH A WAY THAT THEY ARE NOT CLIMBABLE

LIGHT FITTINGS

HIGH EFFICIENCY LIGHT FITTINGS CAPABLE OF ACCEPTING LAMPS HAVING A LUMINOUS EFFICACY GREATER THAN 40 LUMENS PER CIRCUIT WATT ARE TO BE FITTED TO ALL AREAS, INCLUDING ALL THOSE EXTERNAL & THE CYCLE STORE.

SERVICES

- A SEPARATE METERED WATER, GAS, ELECTRICITY & TELEPHONE/BROADBAND SUPPLY WILL BE PROVIDED TO ALL NEW DWELLINGS
- EACH DWELLING IS TO BE FITTED WITH A NETWORK TERMINATION POINT FOR HIGH SPEED ELECTRONIC COMMUNICATION NETWORKS, IN ACCORDANCE WITH APPROVED DOC R

NEW WALLS

- PROVIDE MOVEMENT JOINTS IN EXTERNAL LEAF CAVITY WALLS. JOINTS TO BE FORMED VERTICALLY IN MASONRY PANELS AT LOCATIONS TO SUIT BRICK, BLOCK OR STONE MANUFACTURERS SPECIFICATION & STRUCTURAL ENGINEER'S DETAILS. JOINTS ARE TO BE FILLED WITH 2 PART POLYSULPHIDE SEALANT TO MATCH COLOUR OF FACING BRICKS/RENDER. NOT WITHSTANDING ANY LOCATIONS SHOWN ON DRAWINGS, THE LOCATION AND WIDTH OF MOVEMENT JOINTS SHOULD BE ASSESSED HAVING REGARD TO THE GEOMETRY OF EACH PARTICULAR CONFIGURATION IN ACCORDANCE WITH BS5628, PART 5:1985 AND WITH BRICK/BLOCK MANUFACTURER'S RECOMMENDATIONS. WHEREVER POSSIBLE, LOCATE JOINTS BEHIND RAINWATER PIPES. ADDITIONAL WALL-TIES TO BE INSTALLED 100MM EACH SIDE OF JOINT AT 225 VERTICAL CENTRES. DRY BUTT CONTRACTING JOINTS TO BE FORMED IN INTERNAL BLOCK WORK VERTICALLY AT LOCATIONS TO SUIT STRUCTURAL ENGINEER'S DETAILS.
- INSTALL ST/ST WALL TIES @ 600MM CTRS HORIZONTALLY, & 450MM CTRS VERTICALLY. WALL TIES ARE TO BE COMPLIANT WITH APPROVED DOCUMENT A, & APPROVED DOCUMENT E IN THE CASE OF WALL TIES FOR COMPARTMENT WALLS
- USE 7N DENSE CONCRETE BLOCKS IN ALL FOUNDATION WALLS BELOW GROUND.
- REDUCE THERMAL BRIDGING BY EXTENDING INSULATION INTO JAMBS & SILLS, & INSTALL THERMABATE OR SIMILAR APPROVED CAVITY CLOSER'S AT REVEALS AS SHOWN.
- LINTELS ARE TO BE A "HI-THERM" IG OR SIMILAR APPROVED, WITH A MINIMUM END BEARING OF 150MM. THOSE OVER 1800MM ARE TO BE HEAVY DUTY
- THE DPC IS TO BE A MINIMUM OF 150MM ABOVE GROUND LEVEL, & STEPPED IN ACCORDANCE WITH THE TOPOGRAPHY OF THE SITE
- PROVIDE MOISTURE RESISTANT PLASTERBOARD TO ALL KITCHENS & BATHROOMS
- PROVIDE ADEQUATE FIXINGS WITHIN DRY/STUDWORK WALLS TO ALLOW THE SAFE MOUNTING OF SIGNIFICANT FIXTURES & FITTINGS, I.E KITCHEN UNITS, BOILERS ETC.
- PROVIDE PARAPET WALLS/CHIMNEY STACKS WITH A SUITABLE DPC TREATMENT SO AS TO PREVENT THE DOWNWARD INGRESS OF MOISTURE INTO THE WALL STRUCTURE.
- INCLUDE WATERPROOFING AD-MIXTURE TO ALL RENDER COATINGS
- PROVIDE A VERTICAL DPC TO ALL RETURNS WHEN CAVITY CLOSER'S ARE ABSENT
- CLOSE OFF ALL CAVITY'S AT HEAD WITH SUITABLE NON COMBUSTIBLE MATERIAL

PROTECTION OF STRUCTURAL LOAD BEARING MEMBERS

- STEEL STRUCTURAL MEMBERS SUCH AS COLLARS & BEAMS, ARE TO BE ENCASED IN COMPARTMENTS COVERED IN 2 LAYERS OF 12.5MM PLASTERBOARD, TO ACHIEVE A FIRE RESISTANCE RATING OF 30 MINUTES. ALTERNATIVELY USE 1 LAYER OF 15MM FIRELINE BOARD. EXTERNALLY USE SUITABLE WEATHER RESISTANT MATERIAL. FIRELINE BOARD IS TO EXTEND AT LEAST 1 METER EITHER SIDE THE PROXIMITY OF A STEEL BEAM WHEN FORMING A PLAT CEILING BELOW & BEAR IS SITUATED WITHIN A FLOOR JOIST CAVITY.
- EXPOSED STRUCTURES OF PARTS OF, WILL BE TREATED BY OTHER APPROPRIATE MEANS (EG. APPROVED PROTECTIVE COATINGS FROM HYDRON OR SIMILAR) TO ACHIEVE THE REQUIRED FIRE RESISTANCE RATING OF 30 MINUTES. PROTECTIVE COATINGS (RECOMMENDED) MAY ALSO BE USED IF DESIRED AS AN ALTERNATIVE TO PLASTERBOARD CASINGS DETAILED IN "L" ABOVE

PRESSURE TESTING

- A PRESSURE TEST TO ASSESS THE AIR PERMEABILITY RATE OF THE NEW DWELLING IS TO BE CARRIED OUT BY AN APPROVED CONTRACTOR. SEE SAP ASSESSOR CALCULATIONS AND PROJECT NOTES FOR PERMISSIBLE AIR PERMEABILITY RATE
- STRICT ATTENTION WILL NEED TO BE PAID TO THE SEALING OF ALL OPENINGS AND SERVICE PENETRATIONS IN THE EXTERNAL ENVELOPE OF THE CONSTRUCTION TO PREVENT POTENTIAL AIR LEAKAGE. IT IS ADVISED THAT THE 8MM SOUND-COAT RENDER USUALLY SPECIFIED FOR SEPARATING WALLS, IS ALSO APPLIED TO THE INNER LEAF OF THE EXTERNAL WALLS. WORKMANSHIP SHALL BE DILIGENTLY SUPERVISED & BE OF THE HIGHEST QUALITY DURING ALL PHASES OF THE BUILD. USE CHECKLISTS PROVIDED IN APPENDIX A OF APPROVED DOCUMENT L1A
- THE DESIGN INFORMATION IN THESE DRAWINGS IS TO BE READ IN CONJUNCTION WITH THE SAP CALCULATIONS & THE FOLLOWING "ACCREDITED DETAIL PUBLICATIONS" TO MINIMIZE THE EFFECTS OF THERMAL BRIDGING & IMPROVE OVERALL BUILDING PERFORMANCE WITH RESPECT TO AIR TIGHTNESS: "MASONRY CAVITY WALL INSULATION DETAILS" - "MASONRY INTERNAL WALL INSULATION DETAILS" - "MASONRY EXTERNAL WALL INSULATION DETAILS"

FIRE PLACE & HEARTH

- FLUE IS TO BE INSTALLED IN ACCORDANCE WITH APPROVED DOCUMENT J, & PROPRIETARY DETAILS PROVIDED
- PROVIDE A PERMANENT AIR ENTRY OPENING OR OPENINGS (I.E THROUGH THE WALL, VENTS OR AIR BRICKS) WITH A TOTAL FREE AREA OF AT LEAST 550 SQUARE MM PER KW RATING OF APPLIANCE RATED ABOVE 5KW OR AS DETAILED IN SOLID FUEL APPLIANCE MANUFACTURERS INSTRUCTIONS
- A DURABLE NOTICE DETAILING THE DESIGN INFORMATION OF:
 - THE CHIMNEY FLUE SIZE
 - THE PERFORMANCE CAPABILITIES OF THE HEARTH
 - FIREPLACE & FLUE INSTALLATION
 - THE AVAILABLE FREE VENTILATION AREA PROVIDED BY THROUGH THE WALL VENTILATORS OR AIR BRICKS, - IS TO BE DISPLAYED AT A PROMINENT POSITION WITHIN THE DWELLING. (SEE DIAGRAM I6, APPROVED DOC. J)
- THE HEARTH SHOULD BE MADE FROM NON COMBUSTIBLE MATERIALS & HAVE A MINIMUM UPSTAND OF 75MM OVER ANY FLOOR FINISHES. PROJECT FROM THE FACE OF THE CHIMNEY BREAST BY AT LEAST 500MM, AND OVERLAP THE RECESS EACH SIDE BY AT LEAST 150MM
- A MAINS FED TYPE A CARBON MONOXIDE DETECTOR IS TO BE FITTED IN EACH LOUNGE AREA COMPLIANT WITH BS EN50291. THE DETECTOR IS TO BE LOCATED ON THE CEILING BETWEEN 1H & 3M HORIZONTALLY FROM THE APPLIANCE

CAVITY WALL CHIMNEY STACK

- TO BE IN ACCORDANCE WITH APPROVED DOC. J AND PROPRIETARY DETAILS PROVIDED
- THE FLUE TERMINAL WALL PROJECT BEYOND THE ROOF SLOPE BY AT LEAST 1 METER
- THE FLUE TERMINAL WILL BE A MINIMUM HORIZONTAL DISTANCE AWAY FROM THE ROOF SLOPE OF 2.3 METERS. IF NOT, TO BE AT LEAST 600MM HIGHER THAN RIDGE
- THE CHIMNEY IS TO BE NO HIGHER THAN 4.5 TIMES ITS NARROWEST WIDTH

LEADWORK

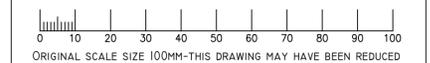
TO BE LAID ACCORDING TO ALL RELEVANT CODES OF PRACTICE, WITH PARTICULAR REFERENCE TO: "ROLLED LEAD SHEET, THE COMPLETE MANUAL", PROVIDE CODE 4 LEAD FOR ALL FLASHINGS & CAVITY TRAYS, & CODE 5 LEAD FOR ALL BOX GUTTERS & VALLEYS

THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ASSOCIATED DRAWINGS & DOCUMENTS SPECIFICALLY PREPARED FOR THIS PROJECT, INCLUDING; DETAILS & CALCULATIONS BY STRUCTURAL ENGINEERS, ENERGY (SAP) ASSESSORS, & ALL OTHER EXTERNAL CONSULTANTS, & OTHER PARTICULAR SITE SPECIFICATIONS. TO VIEW ALL INFORMATION ACCURATELY, THIS DRAWING IS TO BE PRINTED AS SEEN ON SCREEN PDF WITH ALL DWG. PLOT STYLES (COLOURED/SHADED WHERE APPLICABLE) DISPLAYED

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A	PA	9.8.2019	DOMESTIC SPRINKLER SYSTEMS ADDED
REV	BY	DATE	DESCRIPTION

REVISIONS / AMENDMENTS



CLIENT: NFNPA AUTHORITY

SITE: LAND ADJACENT TO COUNCIL CAR PARK, BURLEY

PROJECT: 2 NEW-BUILD SEMI-DETACHED DWELLINGS

DWG. TITLE: ELEVATIONS & CONSTRUCTION NOTES

DWG. STATUS: AS PROPOSED

DWG. No. P574/201/2 REVISION: A

DRAWN BY: PA DATE: JUNE 2019

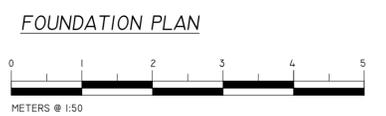
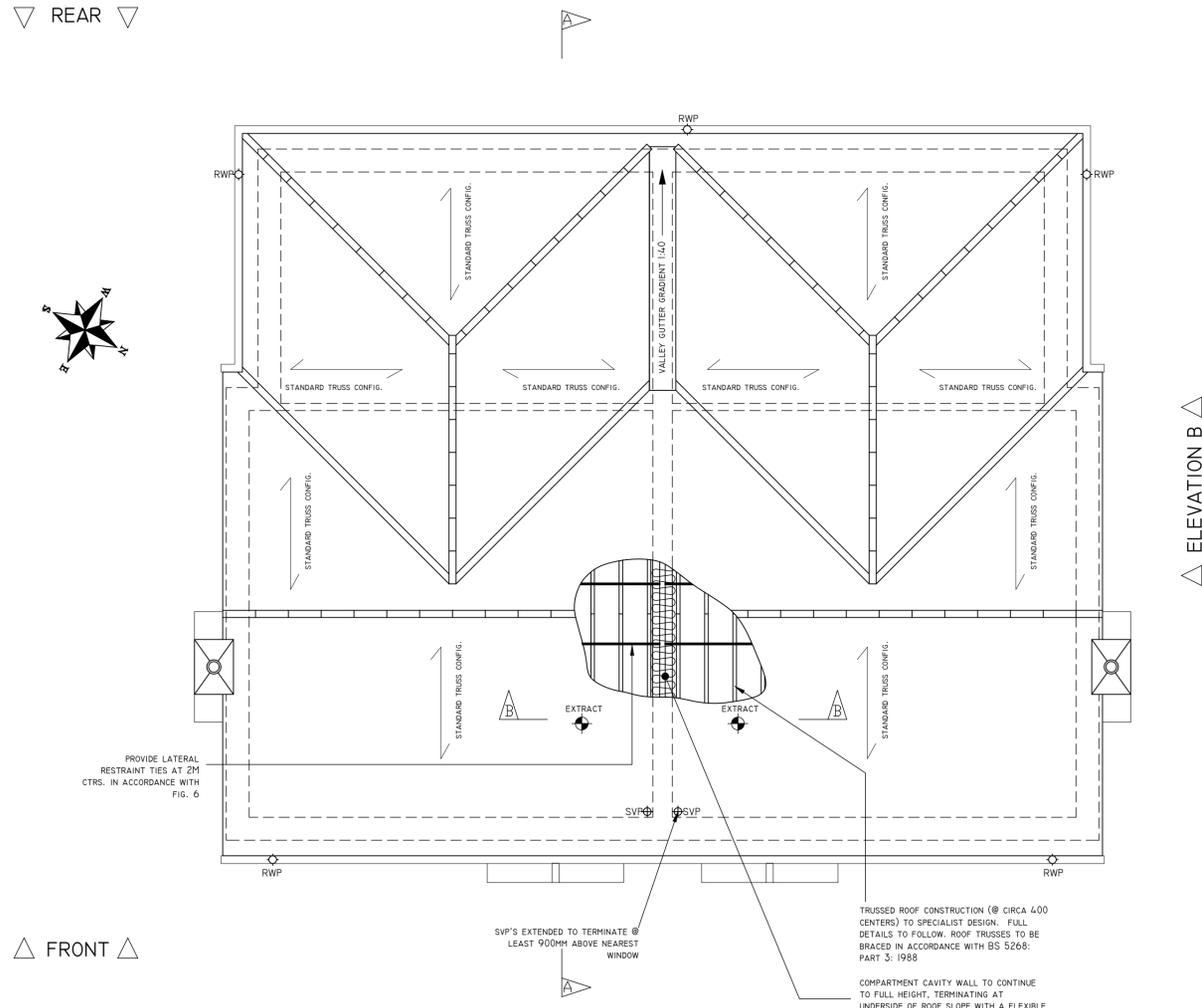
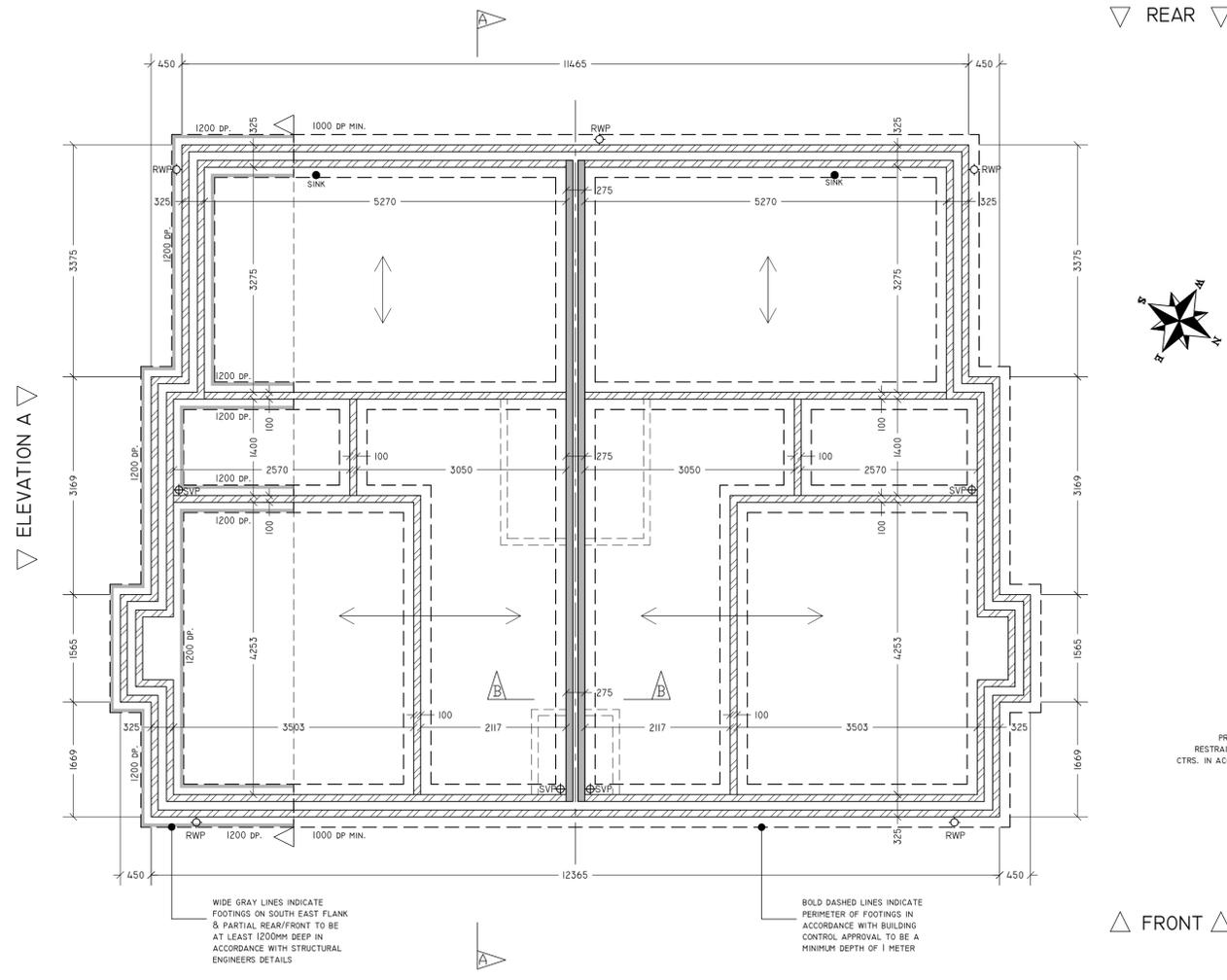
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FOUNDATION WALL LEGEND

	EXTERNAL WALL BELOW GROUND LEVEL
•	100MM CONCRETE BLOCKS TO OUTER SKIN
•	125MM CAVITY
•	100MM CONCRETE BLOCKS TO INNER SKIN
	DIVIDING COMPARTMENT WALL: ROBUST DETAILS WALL TYPE "E-WM-L" (SEE GENERIC SECTION B-B & MAIN WALL LEGEND)
	INTERNAL LOAD-BEARING WALL
•	100MM 7N CONCRETE BLOCKS
	STUD WALLS BUILT OFF GROUND FLOOR

FOUNDATION NOTE'S:

- PROVIDE 225 x 65 AIR BRICKS (@ 2M CENTERS MAX) IN BELOW GROUND PARTITION WALLS FOR AIR FLOW CONTINUITY. [EXCLUDES COMPARTMENT WALLS]
- ALL SETTING OUT DIMENSIONS & LOCATIONS ARE TO BE DETERMINED BY CONTRACTOR ON SITE.
- ALL BELOW GROUND MASONRY IS TO BE 7N DENSE CONCRETE BLOCKWORK.

LEGEND

	SOIL & VENT PIPE (SVP)
	RAINWATER PIPE (RWP)
	INDICATES BEAM JOIST DIRECTION

NOTE: BLOCK & BEAM FLOOR MANUFACTURER TO PROVIDE THE REQUIRED CALCULATIONS & INSTALLATION DETAILS TO THE BUILDING CONTROL INSPECTORATE.

REV	BY	DATE	DESCRIPTION
REVISIONS / AMENDMENTS			

ORIGINAL SCALE SIZE 100MM-THESE DRAWINGS MAY HAVE BEEN REDUCED

CLIENT:	
NFPN AUTHORITY	
SITE:	
LAND ADJACENT TO COUNCIL CAR PARK, BURLEY	
PROJECT:	
2 NEW-BUILD SEMI-DETACHED DWELLINGS	
DWG. TITLE:	
FOUNDATION & ROOF PLAN	
DWG. STATUS:	
AS PROPOSED	
DWG. No. P574/201/3	REVISION:
DRAWN BY: PA	DATE: JUNE 2019
CHECKED BY: SA	DATE: JUNE 2019
SCALE: 1:100 & AS NOTED	

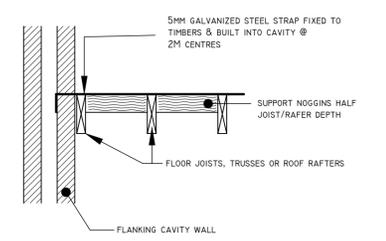
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FIG. 6



RAFTER/JOIST LATERAL RESTRAINT TIE DETAIL (1:20)

NOTE: RAFTERS & ROOF TRUSSES & FLOOR JOISTS TO BE Laterally restrained to flanking & gable walls as indicated in FIG. 6

TRUSSED ROOF CONSTRUCTION TO SPECIALIST DESIGN. FULL DETAILS TO FOLLOW. ALL ROOF TRUSSES ARE TO BE BRACED IN ACCORDANCE WITH BS 5266: PART 3: 1988

1 LAYER OF PROCTER ROOFSHIELD BREATHABLE UNDERLAY FIXED TO TOP-SIDE OF TRUSSES'S

PLAIN ROOF TILES TO LPA APPROVAL

100X50 C16 WALL PLATE HELD DOWN WITH 1 SHARPE GALVANIZED STEEL STRAPS @2000MM (MAXIMUM) CENTRES

INSTALL PROPRIETY EAVES PROTECTION DEVICE SUCH AS TYVEK EAVES CARRIER OR SIMILAR

CLOSE ALL CAVITIES @ HEAD WITH FLEXIBLE MINERAL WOOL BATT FIRE STOP IN ACCORDANCE WITH PART E ROBUST DETAILS

PROVIDE HI-THERM LINTELS ABOVE ALL STRUCTURAL OPENINGS

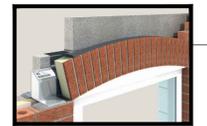
WINDOW FRAMES TO BE SET IN APPROXIMATELY HALF A BRICKS WIDTH

BESPOKE VERTICAL SLIDING SASH WINDOWS BY HOWARTH JOINERY

STUB SILLS

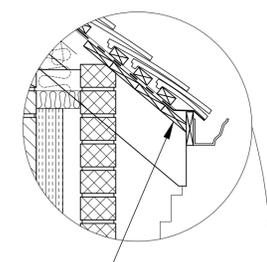
STONE SILLS WITH SIDE STOOLS

BESPOKE IG SEGMENTED ARCH, HI-THERM LINTEL CONFIGURATION

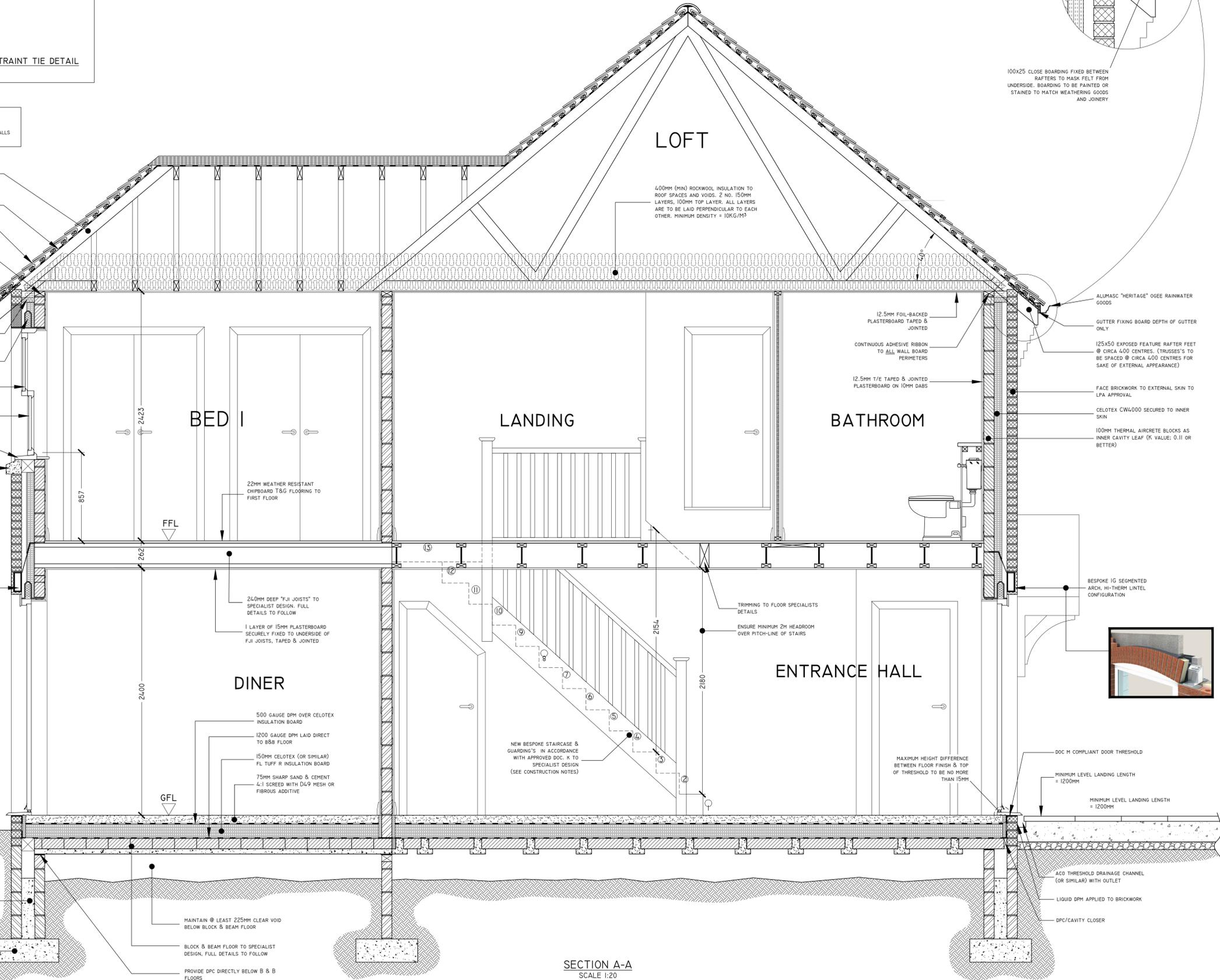


LOFT

400MM (MIN) ROCKWOOL INSULATION TO ROOF SPACES AND VOIDS. 2 NO. 150MM LAYERS, 100MM TOP LAYER. ALL LAYERS ARE TO BE LAID PERPENDICULAR TO EACH OTHER. MINIMUM DENSITY = 10KG/M³



100x25 CLOSE BOARDING FIXED BETWEEN RAFTERS TO MASK FELT FROM UNDERSIDE. BOARDING TO BE PAINTED OR STAINED TO MATCH WEATHERING GOODS AND JOINERY



SECTION A-A SCALE 1:20

REV	BY	DATE	DESCRIPTION
REVISIONS / AMENDMENTS			

CLIENT: NFPN AUTHORITY

SITE: LAND ADJACENT TO COUNCIL CAR PARK, BURLEY

PROJECT: 2 NEW-BUILD SEMI-DETACHED DWELLINGS

DWG. TITLE: SECTION A-A

DWG. STATUS: AS PROPOSED

DWG. No. P574/201/4 REVISION:

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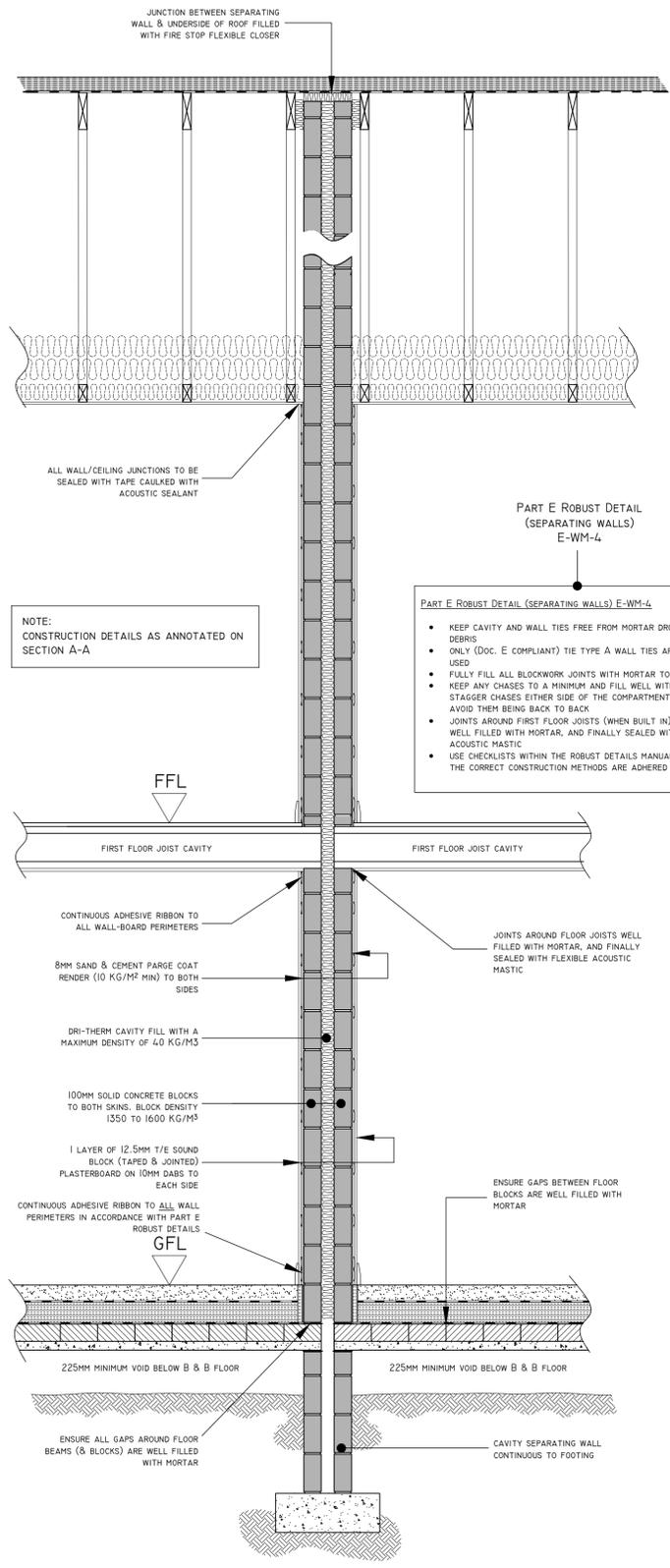
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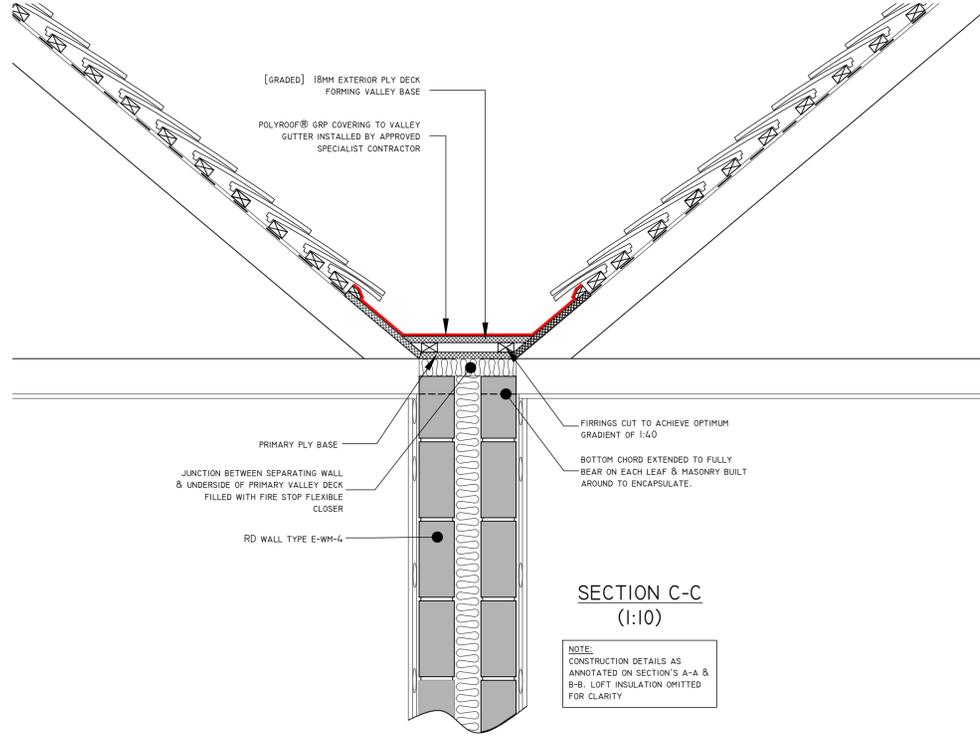
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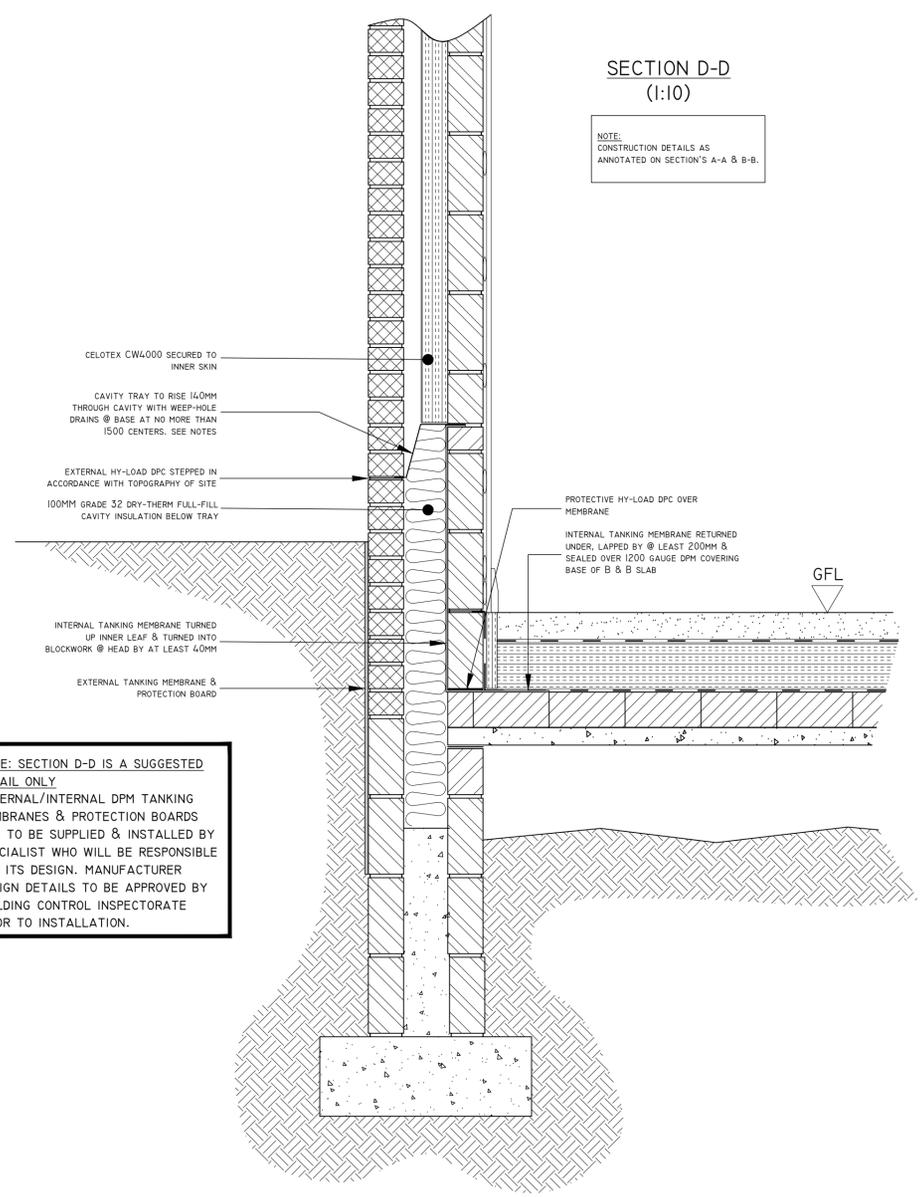


SECTION B-B
ROBUST DETAIL SEPARATING WALL DETAILS (TYP).
WALL TYPE: E-WM-4
SCALE: 1:20



SECTION C-C
(1:10)

NOTE:
CONSTRUCTION DETAILS AS ANNOTATED ON SECTION'S A-A & B-B. LEFT INSULATION OMITTED FOR CLARITY



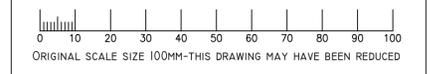
SECTION D-D
(1:10)

NOTE:
CONSTRUCTION DETAILS AS ANNOTATED ON SECTION'S A-A & B-B.

NOTE: SECTION D-D IS A SUGGESTED DETAIL ONLY
EXTERNAL/INTERNAL DPM TANKING MEMBRANES & PROTECTION BOARDS ARE TO BE SUPPLIED & INSTALLED BY SPECIALIST WHO WILL BE RESPONSIBLE FOR ITS DESIGN. MANUFACTURER DESIGN DETAILS TO BE APPROVED BY BUILDING CONTROL INSPECTORATE PRIOR TO INSTALLATION.

REV	BY	DATE	DESCRIPTION

REVISIONS / AMENDMENTS



CLIENT: NFPN AUTHORITY

SITE: LAND ADJACENT TO COUNCIL CAR PARK, BURLEY

PROJECT: 2 NEW-BUILD SEMI-DETACHED DWELLINGS

DWG. TITLE: SECTIONS B-B, C-C & D-D

DWG. STATUS: AS PROPOSED

DWG. No. P574/201/5 REVISION:

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