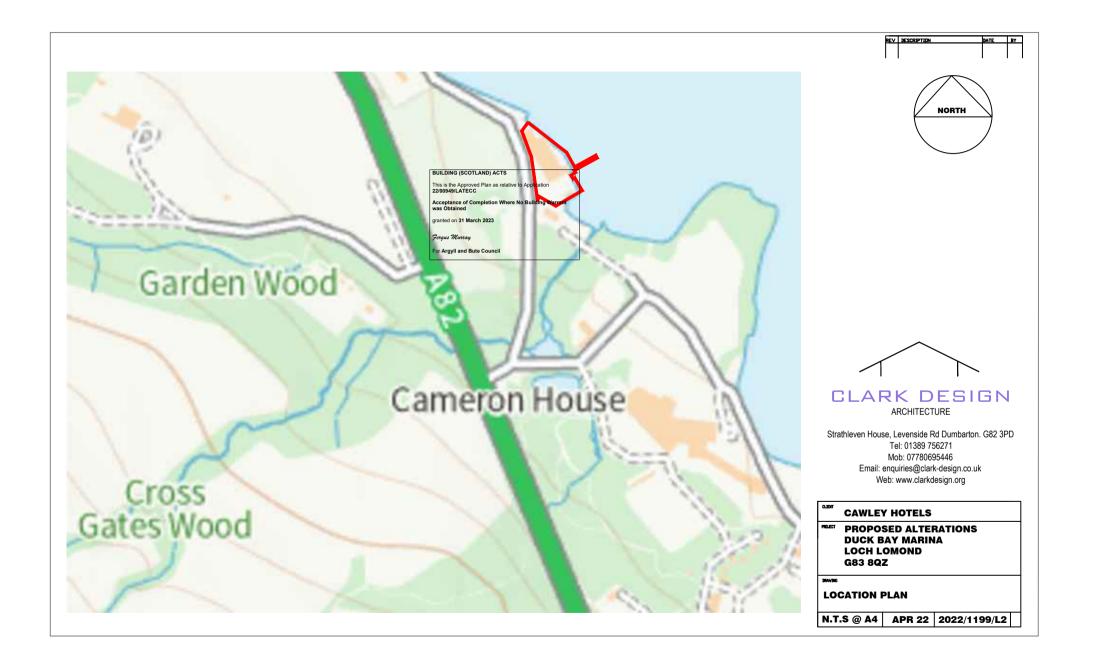
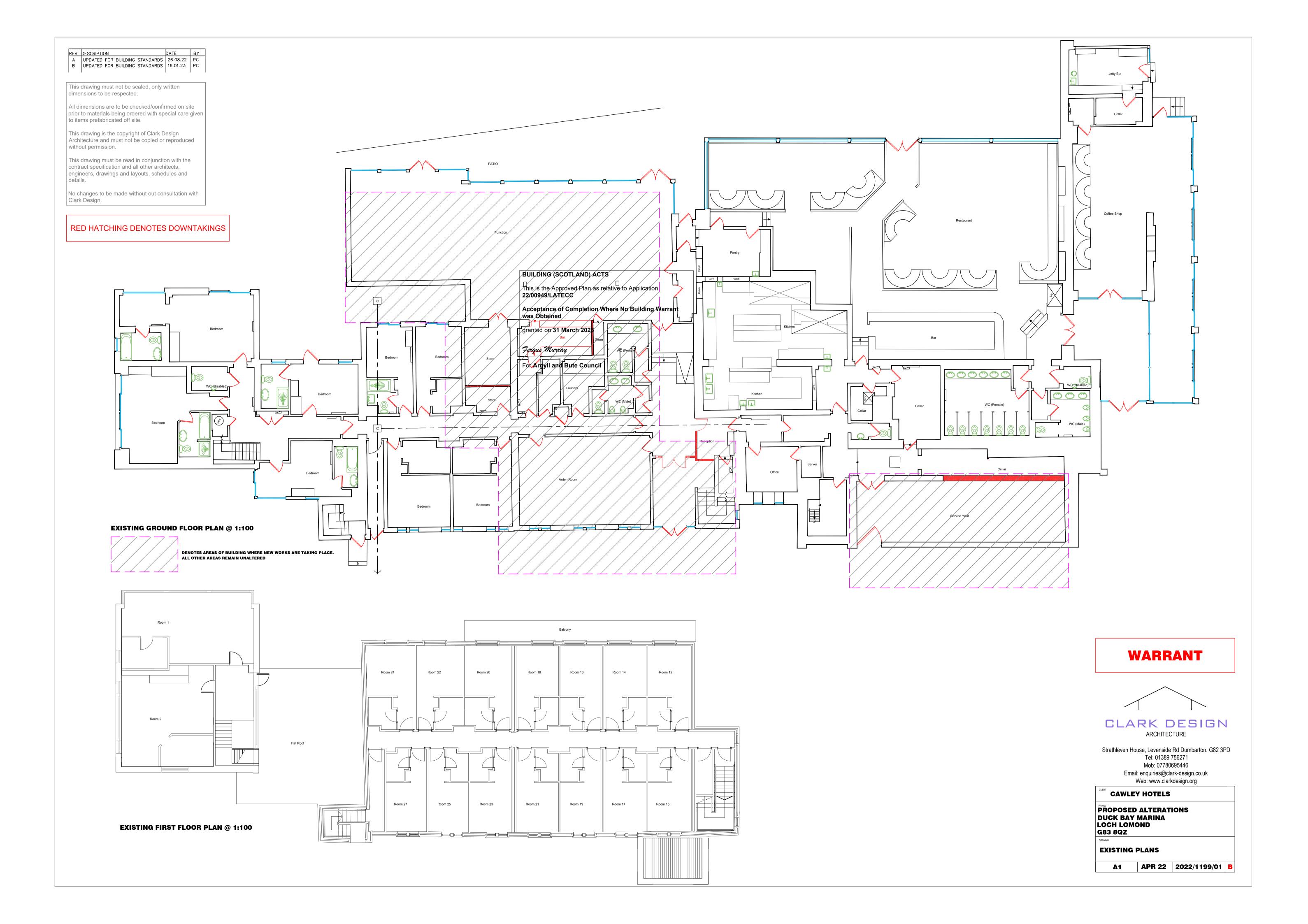
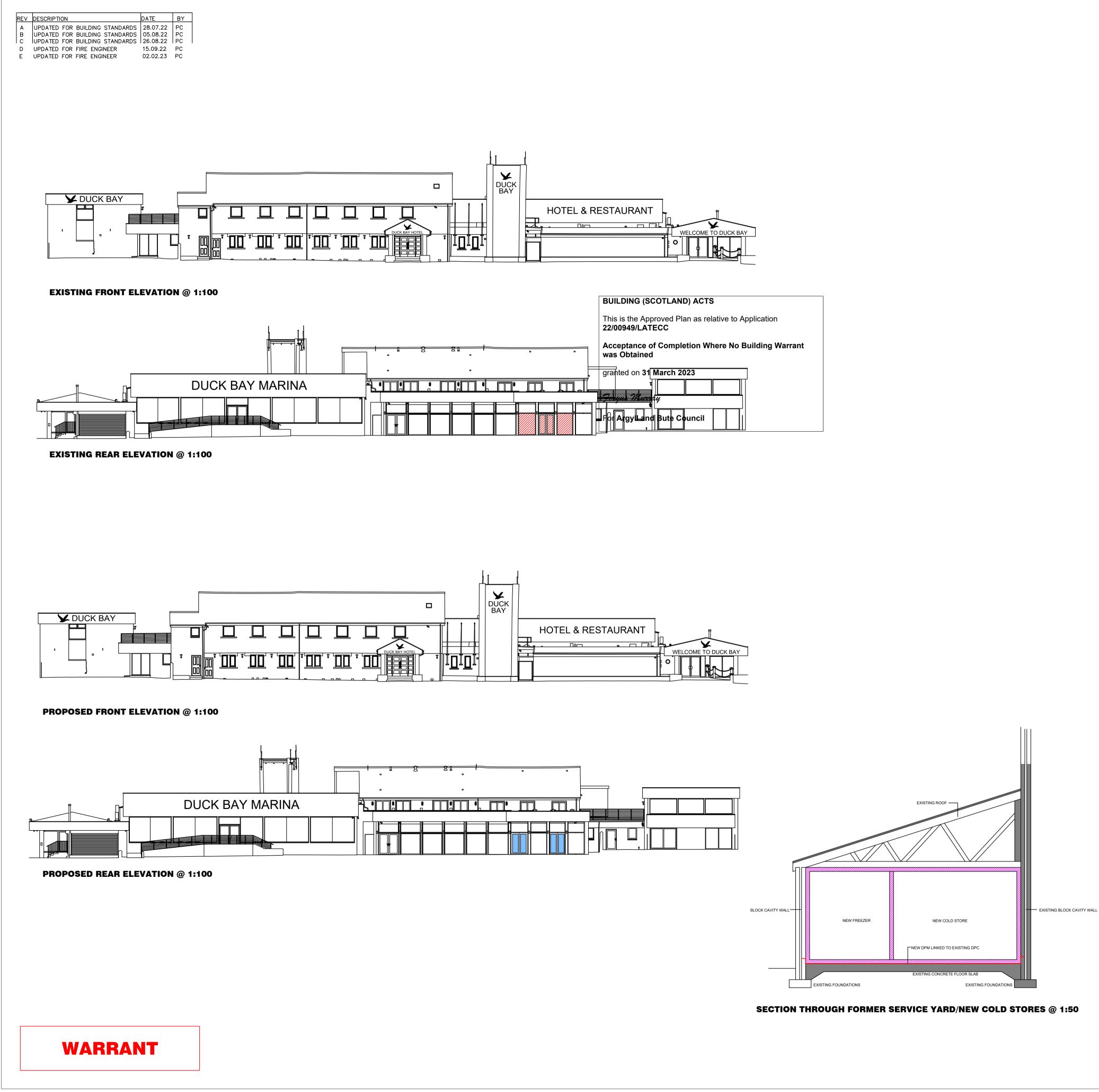


DATE BY







## GENERAL:

**RISK FIRE WITHIN THIS AREA.** 

## THE 2022 TECHNICAL HANDBOOK.

WINDOW INGOES. DOWNTAKINGS IN ACCORDANCE WITH BS 6187: 2011.

## FIRE SAFETY - GENERAL: FIRE ALARM/DETECTION SYSTEM ADAPTED WHERE REQUIRED IN ACCORDANCE WITH BS 5939.

GENERAL FIRE ALARM SYSTEM WILL COMPLY WITH BS 5839 EMERGENCY LIGHTING INSTALLATION WILL COMPLY WITH BS 5266-7 : 1999. ILLUMINATED EXIT SIGNS WILL CONFORM TO BS 2560 AND BE FULLY MAINTAINED AND OPERATE FOR UP TO THREE HOURS IN THE EVENT OF MAINS FAILURE. FIRE EXTINGUISHERS TO BE LOCATED FOR STAFF USE AND COMPLY

WITH BS 5423. FIRE SAFETY NOTICES WILL BE FITTED TO COMPLY WITH BS5499 PART 1 "PUSH BAR TO OPEN" SIGNS ON EXTERNAL FIRE DOORS ONLY. "FIRE DOOR KEEP SHUT" ON INTERNAL DOORS. EMERGENCY LIGHTING - GENERAL: EXISTING EMERGENCY LIGHTING SYSTEM TO BE ADAPTED TO SUIT

NEW LAYOUT WHERE REQUIRED. NEW EMERGENCY LIGHTING INSTALLED AS INDICATED ON PLANS . EMERGENCY LIGHTING TO BE INSTALLED ON PROTECTED CIRCUIT ALL IN COMPLIANCE WITH BS 5266: PT1: 2016.

FIRE SAFETY: FIRE ALARM/DETECTION SYSTEM ADAPTED/INSTALLED TO L1 STANDARD

ROOF VOID. ALL NEW EXIT DOORS TO HAVE FULL WIDTH PUSH BARS TO ROOM SIDE. (ALL INTERNAL & EXIT DOORS TO ACHIEVE A MIN' OF 800MM CLEAR OPENING).

DOOR CLOSERS: ALL DOOR CLOSERS TO BE CAPABLE OF ALLOWING DOOR TO BE OPERATED WITH AN OPENING FORCE OF NO MORE THAN 30N FOR FIRST 30 DEGREES OF OPENING & 22.5N FROM REMAINDER OF SWING WHEN MEASURED AT LEADING EDGE. DOOR CLOSER TO BE CHECKED FOR COMPLIANCE PRIOR TO INSTALLATION.

PROTECTION AT GLAZING: GLAZING TO NEW GLAZED DOORS, NEW INTERNAL DOORS & ANY GLAZED AREAS LESS THAN 800MM FROM FLOOR LEVEL TO BE TOUGHENED TYPE IN COMPLIANCE WITH BS 6262:PART 4:2018.

MANIFESTATION TO GLAZING: ALL FULL LENGTH GLAZING TO HAVE MANIFESTATION APPLIED TO PREVENT PEROPLE FROM WALKING INTO GLASS. EXACT PATTERN, LOGO ETC TO BE CONFIRMED BY CLIENT.

SANDED & SEALED READY FOR DECORATION.

INTERNAL PARTITIONS:

NEW BATH/SHOWER ENCLOSURES). SECTION 5.

SECTION 3.

INTERNAL PARTITIONS/WALLS BEING REMOVED: ALL PARTITIONS/WALLS BEING REMOVED ARE NON LOADBEARING TIMBER STUD & MASONRY TYPE.

INTERNAL DOORS: ALL NEW INTERNAL PASS DOORS TO BE SIZED TO PROVIDE A CLEAR OPENING WIDTH OF: 800MM WHERE MINIMUM CORRIDOR WIDTH IS 1500MM OR 825MM WHERE MINIMUM CORRIDOR WIDTH IS 1200MM OR 850MM WHERE MINIMUM CORRIDOR WIDTH IS 900MM CLEAR OPENING WIDTH TO BE ACHIEVED WHEN MEASURED FROM

FACE OF LOCK SIDE DOOR CHECK TO FACE OF THE OPEN DOOR. NEW BEDROOM DOORS TO BE 30mins SELF CLOSING FIRE

DOORS WITH LSK DC24ARCSNP (COMPLYING WITH BS EN 1154) DOORS TO BE FITTED WITH INTUMESCENT STRIPS & COLD SMOKE SEALS. DOOR STYLE TO BE CHOSEN BY CLIENT. MID HINGE ON FIRE DOORS TO BE SITED 200MM BELOW TOP HINGE. ELECTRICAL:

ELECTRICAL INSTALLATION SHALL BE PROVIDED IN ACCORDANCE WITH BS 7671: 2018 + Amd 2 : 2022

INSTALL ESCAPE ROUTE LIGHTING AS INDICATED ON PROPOSED PLAN. TO BE ON A PROTECTED CIRCUIT.

GENERAL:

LEVEL. LIGHT SWITCHES SHOULD BE POSITIONED AT A HEIGHT BETWEEN 900MM AND 1.1M. STANDARD SWITCHED OR UNSWITCHED SOCKETS OUTLETS & OUTLETS FOR OTHER SERVICES SUCH AS TELEPHONE OR TV TO BE POSITIONED AT LEAST 400MM ABOVE F.L. ENSURE A MINIMUM OF 100% OF FIXED LIGHT FITTINGS & LAMPS ARE LOW ENERGY TYPE.

VENTILATION: TRICKLE VENTILATION PROVIDED TO NEW BEDROOMS BY WINDOW TRICKLE VENTS PROVIDING A MINIMUM OF 12'000mm2 VENTILATION.

MECHANICAL VENTILATION TO ENSUITES BY FAN CAPABLE OF EXTRACT

ALL FANS/VENTS TO BE POSITIONED A MIN' OF 1.75M ABOVE FLOOR LEVEL.

DRAINAGE: NEW DRAINAGE CONNECTED TO EXISTING DRAINAGE SYSTEM AS INDICATED ON PROPOSED PLANS.

GENERAL: CONTRACTOR TO CONFIRM EXISTING DRAINAGE LAYOUT ON SITE PRIOR TO WORKS COMMENCING.

dimensions to be respected.

to items prefabricated off site. This drawing is the copyright of Clark Design

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details.

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SECTION THROUGH FORMER SERVICE YARD/NEW COLD STORES @ 1:50

DRAINAGE AND PLUMBING: ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE GUIDANCE CONTAINED WITHIN GENERAL: TO BE IN ACCORDANCE WITH BS EN 12056:-2:2000. CONNECTED TO EXISTING DRAINAGE AS INDICATED ON LAYOUT. AIR INFILTRATION TO BE LIMITED BY TAPING ALL PLASTERBOARD JOINTS, VAPOUR BARRIER ALL DRAINAGE AND PLUMBING TO BE CARRIED OUT TO THE SATISFACTION OF THE LOCAL AUTHORITY. EXISTING DRAINAGE LOCATIONS, INVERT LEVELS AND FALLS TO BE JOINTS ETC. TAPED JOINTS AROUND ALL SOCKETS ETC. INSULATION TO BE RETURNED INTO DISCUSSED AND VERIFIED ON SITE WITH THE LOCAL AUTHORITIES DRAINAGE INSPECTOR. ALL PIPEWORK SHOULD BE FULLY ACCESSIBLE THROUGHOUT ITS LENGTH FOR CLEANING PURPOSES. A RISK ASSESSMENT SHOULD BE CARRIED OUT AND MAINTAINED TO ENSURE THAT THE FIRE LOADING WITHIN THE RECEPTION AREA IS KEPT TO AN APPROPRIATE LEVEL TO REDUCE THE COMPONENTS BY MARLEY EXTRUSIONS OR EQUIVALENT. ULTRA ABS WASTE SYSTEM TO BS 5255 1989 LARGE DIAMETER PIPEWORK TO BS 4514 1983 1:40 GRADIENT WHERE NECESSARY ALL STACKS TO BE FITTED WITHIN ACCESS FOR RODDING PURPOSES. STUB STACKS FITTED WITH AAV (DURGO EQUIVALENT) TO TERMINATE ABOVE FLOOD PLAIN OF CISTERN. PLUMBING TO ALL APPLIANCES TO BE IN COPPER FIT PRESSURE REGULATING AND ISOLATING VALVES TO ALL FEEDS FOR EASE OF MAINTENANCE. SANITARY APPLIANCES/ FITTINGS: WC PAN AND CISTERN : - ARRANGEMENT : CLOSE COUPLED CISTERN - PAN: TO BE APPROVED SEAT : WHITE PAN CONNECTOR : S TRAP - CISTERN (COMPLETE WITH VALVE, OPERATING MECHANISM, FLUSH PIPE AND ALL NECESSARY CONNECTORS) WASH BASIN . - TYPE : CLIENTS CHOICE - TAPS : BASIN TAPS (CLIENTS CHOICE). - WASTE 38MM - TRAP : BOTTLE TRAP SHOWER & SCREEN : SMOKE/HEAT DETECTORS TO BE INSTALLED IN ALL AREAS INCLUDING ANY - TYPE : CLIENT CHOICE - UNIT : THERMOSTATIC / MIXER. - WASTE 44MM - TRAP : LOW INLET TUBULAR BATH TRAP CISTERNS - ENSURE THAT OVERFLOW PIPE IS FIXED TO FALLS, AND LOCATED TO GIVE VISIBLE WARNING OF DISCHARGE. AGREE POSITION WITH CA. SEALANT POINTING : - SEALANT : SILICONE BASED TO BS 5889, TYPE B WITH FUNGICIDE. COLOUR : WHITE HOT AND COLD WATER: THE INSTALLATION SUPPLIES TO APPLIANCES : COLD HOT 15 NIL SHOWER WHB INSTALLATION GENERALLY : - INSTALL SYSTEMS SO THAT THEY COMPLY WITH BS 6700 AND WATER SUPPLY BYELAWS AND 100X50MM STUDS @ 600MM CENTRES TO NON LOADBEARING PARTITIONS WITH 15MM TAPER EDGE PLASTERBOARD (10kg/m2) FINISH TO BOTH SIDES, JOINTS AMES TAPED, PLASTER FILLED, ARE FREE FROM LEAKS AND WATER HAMMER. - ALL EQUIPMENT, PIPEWORK, COMPONENTS, VALVES, ETC. TO BE FULLY ACCESSIBLE FOR (MOISTURE RESISTING BOARD WITH CERAMIC WALL FINISH WITH WATERPROOF GROUT TO MAINTENANCE, REPAIR OR REPLACEMENT. - INSTALLATION TO BE FITTED WITH VENTS AT HIGH BETWEEN STUDS INSTALL 60MM THICK QUILT INSULATION (10kg/m3 MINIMUM DENSITY) WIRE POINTS AND DRAINING TAPS AT LOW POINTS TO REINFORCED & SUSPENDED IN CAVITY. ALL AS PER GENERAL MINIMUM CONSTRUCTIONS FACILITATE PURGING AND DRAINING. TESTING THE SYSTEM : ENSURE ANY NEW WC/ENSUITE COMPARTMENT PARTITIONS HAVE PLASTERBOARD FIXED - CARRY OUT TEST OF INSTALLATION. OVER 18MM PLYWOOD TO ENSURE COMPLIANCE WITH ROBUST WALL CONSTRUCTION AS PER HOT WATER PIPES TO BE FITTED WITH THERMOSTATIC MIXING VALVES WHERE SERVING ANY NEW BATHS, BIDETS OR THERMOSTATIC SHOWERS. HOT WATER AT POINT OF DISCHARGE MUST NOTE EXCEED 48 DEGREES CELSIUS. AIR ADMITTANCE VALVES : AGREEMENT CERTIFIED. 110MM DURGO INSTALLED WHERE INDICATED(TO BE INSTALLED ABOVE FLOOD LINE OF HIGHEST WHB) ANY AAV'S BOXED IN ARE TO HAVE A 65MM DIAMETER CIRCULAR VENT GRILL LOCATED TO THE SIDE OF THE DUCT. WATER EFFICIENT FITTING TO BE USED: DUAL FLUSH WC CISTERNS TO HAVE AVERAGE FLUSH VOLUME OF NOT MORE THAN 4.5 LITRES. SINGLE FLUSH WC CISTERNS TO HAVE A FLUSH VOLUME OF NOT MORE THAN 4.5 LITRES. TAPS SERVING WHB'S TO HAVE FLOW RATE OF NOT MORE THAN 6 LITRES PER MINUTE. WINDOWS/DOORS: (1.4W/M2K) INSTALL NEW WHITE UPVC FRAMED DOUBLE GLAZED PATIO DOORS TO ROOMS 14 & 15. UNITS TO MATCH EXISTING. INSTALLED TO MANUFACTURERS INSTRUCTIONS WHERE THESE EXCEED THE BUILDING BS 8213-4: 2016. STANDARD REQUIREMENTS OR AS PER SECTION 8 OF U-VALUE = 1.4W/M2K. TRICKLE VENTILATORS TO PROVIDE A TOTAL VENT RATE OF: 12000MM2 ELECTRICAL WORKS TO BE SIGNED OFF AT COMPLETION BY A COMPETENT PERSON AFFILIATED TO SELECT / NICEIC OR EQUAL. WINDOWS TO BE TESTED & CERTIFIED TO PAS 24: 2016 DOORS TO BE TESTED & CERTIFIED TO PAS 24: 2016 BS 7412: 2007 (FOR UPVC UNITS) BS 644: 2012 (FOR TIMBER UNITS) BS 4873: 2016 (FOR ALUMINIUM UNITS) BS 6510: 2010 (FOR STEEL UNITS) VENT HOODS TO BE USED WITH DOWNLIGHTERS WHERE APPLICABLE. UNITS TO COMPLY WITH SECURED BY DESIGN GUIDELINES. OUTLETS AND CONTROLS FOR ELECTRICAL FIXTURES SHOULD BE AT LEAST TOUGHENED (TEMPERED) GLASS TO LOWER PANELS IN 350MM FORM ANY INTERNAL CORNER AND NOT MORE THAN 1.2M FROM FLOOR WINDOWS/DOORS WHERE GLAZING IS 800MM OR BELOW FROM FLOOR LEVEL TO COMPLY WITH BS 6262 PART 4 2018. SEALANT JOINTS : - SEALANT MANUFACTURER AND REFERENCE : PROPRIETARY EXTERNAL MASTIC COLOUR : WHITE - PREPARE JOINTS AND APPLY SEALANT VERTICAL AND HORIZONTAL HYLOAD DPC AROUND WINDOW OPENINGS. **BEDROOM DOORS:** ALL NEW BEDROOM DOORS LEADING FROM COMMON HALLWAY RATE OF 15 L/SEC CONNECTED TO EXISTING VENTILATION SYSTEM. AREAS TO HAVE A MASS PER UNIT AREA OF AT LEAST 25 KG/M2. DOOR TO BE FITTED WITH A PERIMETER SEAL, EXCLUDING THE THRESHOLD, TO MINIMISE NOISE TRANSMITTANCE THROUGH THE DOORSET OCCUPANCY: THE REDUCED FUNCTION SUIDE AREA HAS A DESIGNED CAPACITY OF NO MORE THAN 60 P This drawing must not be scaled, only written CLARK DESIGN All dimensions are to be checked/confirmed on site ARCHITECTURE prior to materials being ordered with special care given Strathleven House, Levenside Rd Dumbarton. G82 3PD Tel: 01389 756271 Architecture and must not be copied or reproduced Mob: 07780695446 Email: enquiries@clark-design.co.uk Web: www.clarkdesign.org This drawing must be read in conjunction with the contract specification and all other architects, **CAWLEY HOTELS** engineers, drawings and layouts, schedules and **PROPOSED ALTERATIONS** No changes to be made without out consultation with DUCK BAY MARINA LOCH LOMOND G83 8QZ **PROPOSED PLAN & SECTION** A1 | APR 22 | 2022/1199/03 | E

