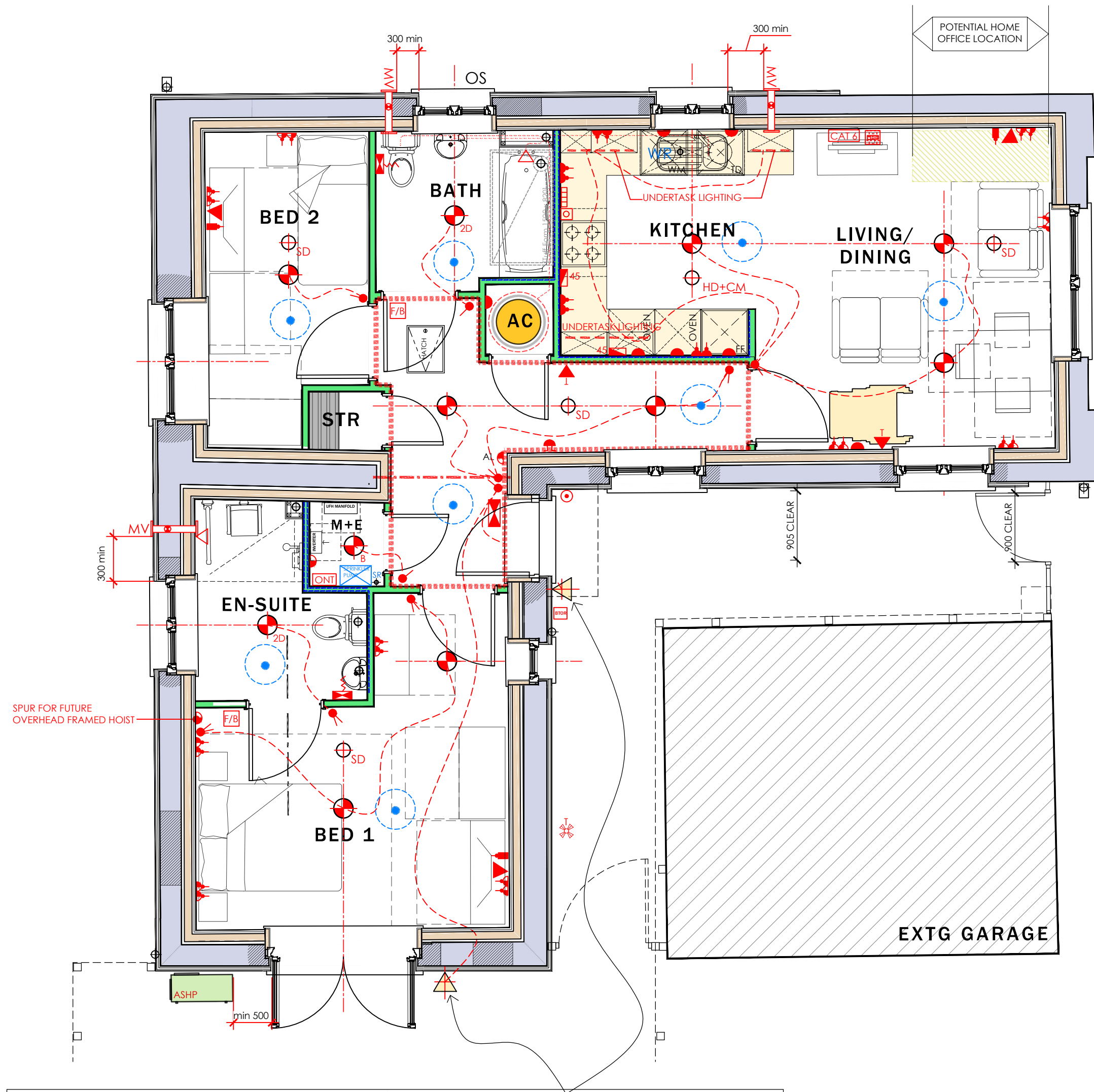




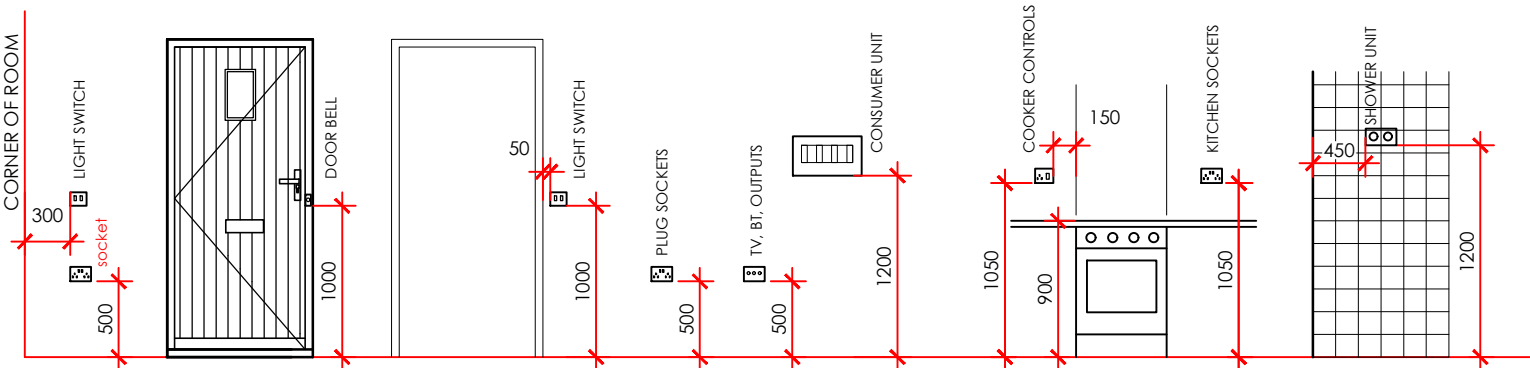
M & E PLAN
(Proposed)

0 500 1000 1500 2000 2500mm
SCALE 1:50

ANSELL - WOLF 'DARK SKYCOMPLIANT' WALL LIGHT. DIMMABLE WITH LIGHT LUX CONTROL AND MOTION SENSORS.

M & E KEY LEGEND

	ONE WAY LIGHTING SWITCH		SHAVER SOCKET TO SIDE OF MIRROR
	TWO WAY LIGHTING SWITCH		THERMOSTATIC SHOWER POSITION
	UNSWITCHED FUSED SPUR (LOW LEVEL)		ELECTRICAL CONSUMER UNIT, INSTALLED AT A HEIGHT BETWEEN 1350MM - 1450MM ABOVE FFL.
	UNSWITCHED FUSED SPUR (ABOVE WORKTOP)		DOUBLE TV AERIAL POINT WITH TWO HIGH GAIN COAXIAL CABLES WIRED INTO ROOF SPACE AND TERMINATED IN LOFT SPACE. AERIAL TO INCLUDE PROVISION OF POWER OUTLETS, BOOSTER AND SPLITTERS ETC. INSTALLATION TO BE SUITABLE FOR DIGITAL RECEPTION AND FREEVIEW. REFER TO 6.3.2 V 90 Clause 843 FOR INSTALLATION TO FLATS
	UNSWITCHED FUSED SPUR FOR FUTURE ALARM SYSTEM		BT OPEN REACH LOCATION
	SWITCHED FUSED SPUR (LOW LEVEL)		BT TELEPHONE ONT
	DOUBLE SWITCHED SOCKET OUTLET (LOW LEVEL)		BT TELEPHONE POINT
	DOUBLE SWITCHED SOCKET OUTLET (ABOVE WORK TOP)		CAT 6 POINT
	3 WAY MULTI GANG GRID SWITCH WITH NEONS TO SERVE FF, OVEN/HOB, WM/TD - APPLIANCE DENOTATION TO BE MARKED BY MANUFACTURER.		MAINS OPERATED DOOR BELL CHIME UNIT.
	45 AMP COMBINED COOKER CONTROL UNIT AND SOCKET OUTLET		ILLUMINATED DOOR BELL PUSH.
	COOKER OUTLET POINT POSITIONED TO COMPLY WITH ALL CURRENT ELECTRICAL REGULATIONS		CEILING MOUNTED PENDANT
	2 WAY GRID SWITCH - FUSED SPUR AND FAN BOOST SWITCH		LOW ENERGY BATTERN HOLDER
	ROOM THERMOSTAT - TIME & TEMPERATURE ZONE CONTROL		IP44 RATED ENCLOSED LIGHTS TO WET ROOMS
	MULTI GANG DATA PLATE TO PROVIDE: 2NO. DOUBLE SOCKETS, TELEPHONE, SKY+, HD & SKY Q MULTI ROOM CAPABILITIES BT FIBRE BROADBAND CONNECTIONS. (BOX REQUIRES 45mm DEEP BACK BOX)		SMOKE DETECTOR ELECTRICALLY OPERATED WIRED TO SEPARATE CIRCUIT. ALL TO AT LEAST GRADE D CAT LD3 TO BS.5839 - 6:2004 /BS5466 & TO BE INTER CONNECTED. (PLACED MIN 300MM FROM LIGHT FITTINGS & WITHIN 7.5M OF EACH HABITABLE ROOM)
	CEILING MOUNTED dMEV VENTILATION FAN. ALL FIRST FLOOR BATHROOMS VENTED THROUGH ROOF VOID TO HAVE INSULATED DUCTWORK AND EXTRACTED EITHER THROUGH GABLE WALL OR TILE VENT. GROUND AND LOWER GROUND FLOOR WC/KITCHEN TO BE VENTED IN CEILING VOID AND EXTRACTED TO NEAREST EXTERNAL WALL.		HEAT DETECTOR ELECTRICALLY OPERATED WIRED TO SEPARATE CIRCUIT. TO BS.5839 PART 1:1988 /BS5466 & TO BE INTER CONNECTED. (PLACED MIN 300MM FROM LIGHT FITTINGS)
	EXTRACT FAN ISOLATOR KEY SWITCH + FUSED SPUR		INCOMING WATER RISER
	WALL DUCTED MECHANICAL EXTRACT VENT TO WET ROOMS.		SPRINKLER RISER
	ELECTRICAL CONSUMER UNIT, 1200MM ABOVE FF LEVEL.		DOMESTIC SPRINKLER PUMP SET [SPRINKLER SYSTEM DESIGNER TO CONFIRM IF REQ'D]
	SPRINKLER HEAD LOCATION (FINAL LOCATIONS INDICATIVE, SUBJECT TO SPECIALIST DESIGN.) NOT PLACED WITHIN 300mm OF LIGHT FITTINGS, SMOKE AND HEAT DETECTORS		ELEC HOT WATER CYLINDER
	EXTERNAL TAP		AIR SOURCE HEAT PUMP
	ANSELL COULED WALL LIGHT WITH LOW ENERGY LIGHT FITTING WITH DUSK TO DAWN ACTIVATION FOR SPACE LIGHTING AND FLOOD LIGHTING WITH MANUAL OVERRIDE SWITCH.		DENOTES UNDERFLOOR HEATING MANIFOLD LOCATION



NOTES: M&E DESIGNER TO CONFIRM LOCATION OF POWER SOCKETS SERVING AIR SOURCE HEAT PUMPS AND HOT WATER CYLINDER AND LOCATION OF PV INVERTERS ALL EQUIPMENT TO BE KEPT 150mm AWAY FROM COOKER SPACE. PROVIDE UNDER UNIT TASK LIGHTING TO ALL WALL UNITS SEPARATELY SWITCHED. SMOKE AND HEAT DETECTORS TO BE FITTED AT LEAST 300MM FROM ANY WALL OR LIGHT FITTING. CONSUMER UNITS SHALL BE POSITIONED 1200MM TO 1500MM ABOVE FINISHED FLOOR LEVEL. FRONT EXTERNAL LIGHTS TO BE FITTED TO SIDE OF FRONT DOOR AT 1800MM HIGH. REAR EXTERNAL LIGHTS TO BE FITTED 400MM ABOVE DOOR HEAD LEVEL. STORES AND ATTIC SPACES TO BE CONTROLLED BY NEON INDICATED SWITCH. MAKE SURE TO LEAVE ADEQUATE LENGTH ON TV/SATELLITE CABLE SO THAT IT CAN BE TERMINATED ON A SOUTH EAST FACING WALL/GABLE. GRID SWITCHES TO CONTROL KITCHEN APPLIANCES	 LIGHT SWITCHES/sockets TO BE LARGE ROCKER TYPE. COLOUR: GRAPHITE GREY. LIGHT SWITCHES TO BE KEPT 50MM OFF ARCHITRAVE. ENSURE LIGHT FITTINGS ARE IN CENTER OF ROOM. BT, TV AND DOUBLE SOCKET POINTS TO BE STACKED BEHIND TELEVISION IN LIVING ROOM. REDRING GLOW (8.5KW) THERMOSTATIC ELECTRIC SHOWER OVER BATH HEIGHT FOR CONTROLS TO BE 1.3M FROM FLOOR. RAIL HEIGHTS TO BE AGREED WITH BCO PROVIDE FULL-LENGTH HEAVY-DUTY SHOWER CURTAIN AND RAIL OVER BATH IN COLOUR MATT GREY / BROWN CONTRAST WITH THE WALL TILING TO RNIB REQUIREMENTS AND AGREED WITH THE EA. THE DWELLINGS ARE SUBJECT TO THE NEW WELSH BUILDING REGULATIONS - PART B (JAN 2016)AND THEREFORE A FULL FIRE SUPPRESSION / SPRINKLER SYSTEM IS TO BE INSTALLED. SPRINKLER SYSTEM SHOWN INDICATIVE AND IS SUBJECT TO SPECIALISTS DESIGN AND DETAIL TO COVER THE INDIVIDUAL SYSTEM BEING USED. SPECIALISTS TO PROVIDE FULL WORKING DRAWINGS AND DETAIL FOR SUBMISSION TO BUILDING CONTROL.
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AS BUILT
This drawing has been amended since its original issue, to show revised construction to represent the as built condition on site. Information to produce the as built drawing has been supplied by the contractor.

Drawing Purpose
CONSTRUCTION

Client
Bishop Bayliss Developments

Job Title
Bontneydd Terrace, MT

Drawing No
LT2204.99.07

Drawing Title
M&E Layouts

Revision
G

Checked
KML

Scale
1:50@A2

Date
March 25

**Suite 7, 35 Stow Park Circle
Newport, NP20 4HF**

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Revisions

REV A. APRIL 25 M&E CHANGED TO DOUBLE DOORS AT CURTAIN REQUEST WALLS, DRAINAGE UPDATED TO SUIT CITY RECEIVED. ASHP RELOCATED	REV B. APRIL 25 FANS CHANGED TO SUIT UNDER FLOOR HEATING NEW WARE DUCTED AND FANS DAW INDICATED INSTEAD	REV C. MAY 25 WALL LIGHTS SPEC UPDATED	REV D. JULY 25 M&E CHANGED TO DOUBLE DOORS AT CURTAIN REQUEST WALLS, DRAINAGE UPDATED TO SUIT CITY RECEIVED. ASHP RELOCATED	REV E. JUNE 25 AS BUILT ISSUE
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Do not scale from this drawing.
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