WALL LEGEND DRAWINGS TO BE READ IN CONJUNCTION WITH DOCUMENT FA-R-20-17 - SPECIFICATION. WT01 - EXTERNAL MASONRY WALL ALL DRAWINGS TO BE READ IN CONJUNCTION WITH STRUCTUR DO NOT SCALE FROM THIS DRAWING LANDSCAPING INDICATIVE ONLY AND SUBJECT TO A FULL 20MM TWO COAT SAND/CEMENT RENDER TO COMPLY TO BS EN 13914-1 WITH WATERPROOF ADDITIVE ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE 100MM 7.3N DENSE CONCRETE BLOCKS, 1.13 W/M²K 55MM CLEAR RESIDUAL CAVITY UNLESS OTHERWISE NOTED, DIMENSIONS ARE SHOWN TO STRUCTURE 120MM KINGSPAN K108 INSULATION BOARD WITH INSULATION RETAINING CLIPS 100MM 7.3N DENSE CONCRETE BLOCKS, 1,13 W/M²K ALL DIMENSIONS TO BE CHECKED ON SIT 6MM PARGE COAT TO INNER LEAF OF BLOCKWORK INTERNAL FINISH TO BE 12.5MM PLASTERBOARD ON STAINLESS STEEL WALL TIES AT 750MM CTS **BUILDING SAFETY ACT** THE CLIENT MUST ABIDE BY THEIR DUTIES AS DEFINED WITHIN THE BUILDING SAFETY ACT 2022 WHICH RELATE TO ANY BUILDING WORKS. WALLS TO BE BUILT WITH 1:1:6 CEMENT MORTAR **CDM REGULATIONS** WT02 - EXTERNAL MASONRY RETAINING WALL THE CLIENT MUST ABIDE BY THE CONSTRUCTION DESIGN AND MANAGEMENT REGULATIONS 2015 WHICH RELATE TO ANY BUILDING WORKS WHICH: TO ACHIEVE MIN U-VALUE 0.18 W/M²K RC RETAINING WALL TO STRUCTURAL ENGINEER'S GN AND DETAIL WITH RIW WATERPROOFING TO (a) LASTS LONGER THAN 30 WORKING DAYS AND HAS MORE THAN 20 WORKERS WORKING SIMULTANEOUSLY AT ANY POINT IN THE PROJECT. 100MM 7.3N DENSE CONCRETE BLOCKS, 1.13 W/M²K 175MM CAVITY FULL FILL THE CAVITY WITH WITH ROCKWOOL FULL CAVITY BATT (b) EXCEEDS 500 PERSON DAYS. 100MM BLOCKWORK INNER LEAF - STRENGTH CLASS N.B THIS LIST IS NOT EXHAUSTIVE AND THE PC (PRINCIPAL TO STRUCTURAL ENGINEER'S DESIGN CONTRACTOR) HAS A DUTY TO CO-OPERATE, COMMUNICATE AND CO-ORDINATE WITH THE PD (PRINCIPAL DESIGNER) AND 6MM PARGE COAT TO INNER LEAF OF BLOCKWORK INTERNAL FINISH TO BE 12.5MM PLASTERBOARD ON DESIGN TEAM AND COMPILE A COMPREHENSIVE RISK REGISTER STAINLESS STEEL WALL TIES AT 750MM CTS HORIZONTALLY, 450MM VERTICALLY AND 225MM CTS AT REVEALS AND CORNERS IN STAGGERED ROWS PRIOR TO COMMENCEMENT OF WORK ON SITE, RISKS SHALL BE ANTICIPATED, REDUCED AND OR AVOIDED WHERE POSSIBLE. THIS LIST SERVES TO HIGHLIGHT KEY RISKS IDENTIFIED BY THE WALLS TO BE BUILT WITH 1:1:6 CEMENT MORTAR DESIGN TEAM AND PD IN THE CONSTRUCTION, USE AND NAINTENANCE OF THE BUILDING. REFER TO DESIGNERS CDM HAZARD IDENTIFICATION AND WT03 - EXTERNAL MASONRY WALL - COMPOSITE ANALYSIS AND OPTION MATRIX FOR FURTHER INFORMATION 50MM COMPOSITE CLADDING PANELS TO CLIENT CDM - RISK REGISTER APPROVAL FOR VENTED AND DRAINED CAVITY) IF REQUIRED BY BCO, LINE OUTERSKIN OF BLOCKWORK WITH TYVEK HOUSE WRAP ADEQUATE PROVISION OF SAFE ACCESS VIA SCAFFOLDING DURING THE WORKS. WORKING AT HEIGHT RULES TO BE OBSERVED DURING CONSTRUCTION PHASE AND FOR ALL 100MM 7.3N DENSE CONCRETE BLOCKS, 1.13 W/M²K 55MM CLEAR RESIDUAL CAVITY ROUTINE ROOF MAINTENANCE INCLUDING GUTTER 120MM KINGSPAN K108 INSULATION BOARD WITH INSULATION RETAINING CLIPS • 100MM 7.3N DENSE CONCRETE BLOCKS, 1.13 W/M²K HAZARD - FALLING OBJECTS CONSTRUCTION WORKERS TO BE PROTECTED FROM FALLING 6MM PARGE COAT TO INNER LEAF OF BLOCKWORK OBJECTS FROM WORKS TO ROOF DURING THE CONSTRUCTION INTERNAL FINISH TO BE 12.5MM PLASTERBOARD ON STAINLESS STEEL WALL TIES AT 750MM CTS HAZARD - COLLAPSING STRUCTURE HORIZONTALLY, 450MM VERTICALLY AND 225MM CTS AT REVEALS AND CORNERS IN STAGGERED ROWS TEMPORARY WORKS AND RESTRAINTS REQUIRED TO PROPOSEI WALLS TO BE BUILT WITH 1:1:6 CEMENT MORTAR CONTRACTOR AND STRUCTURAL ENGINEER TO CO-ORDINATE WT04 - INTERNAL MASONRY WALL MANUAL LIFTING RULES TO BE OBSERVED WHEN ASSESSING WEIGHTS OF CONSTRUCTION MATERIALS. IF BLOCK WORK EXCEEDS 20KG, 2 x MAN LIFT REQUIRED. PC AND MASONRY PARTITIONS USING DENSE CONCRETE BLOCKS BUILT OFF THICKENED FLOOR SLAB SUB-CONTRACTOR TO CARRY OUT RISK ASSESSMENT PRIOR TO WALL TO BE TIED AT 225MM CENTRES WITH PROPRIETARY STEEL PROFILES OR BLOCK BONDED TO ALL INTERNAL AND EXTERNAL WALLS 5. HAZARD - GLAZING PANELS CONSTRUCTION & MAINTENANCE - NEW GLAZING WILL WALLS FACED THROUGHOUT WITH 6MM PARGE COAT, 12.5MM PLASTERBOARD ON 10MM DABS WITH THAT THE HEIGHT OF THE GLAZING IS WITHIN THE LIMITS OF EXTENDABLE WINDOW CLEANING EQUIPMENT AND IT IS SKIM PLASTER FINISH READY TO RECEIVE DECORATION WALLS TO BE BUILT WITH 1:1:6 CEMENT MORTAR WILL CARRY OUT THE WORK FROM GROUND LEVEL. WHERE HEIGHTS OF WINDOWS OR ACCESS ISSUES PRECLUDE EXTERN MAINTENANCE INTERNALLY HINGED WINDOW FRAMES WILL BE SPECIFIED FOR CLEANING / MAINTENANCE. IN THE UNLIKELY EVENT THAT A FULL HEIGHT GLAZING PANEL NEEDS TO BE WALL TYPE WT05 - INTERNAL WALL REPLACED. THE OCCUPIER SHOULD ARRANGE TO DO S CTS WITH HEAD AND SOLE PLATES AND SOLID INTERMEDIATE HORIZONTAL NOGGINS AT 1/3 HAZARD - LINTEL COLUMN & BEAM INSTALLATION SOUNDPROOF QUILT TIGHTLY PACKED (EG. 100MM LIFTED INTO PLACE WITH APPROPRIATE EQUIPMENT BY SKILLED ROCKWOOL OR ISOWOOL MINERAL FIBRE SOUND LATION) IN ALL VOIDS THE FULL DEPTH OF THE LINE DRY SIDES WITH 2 x LAYERS OF 12.5MM GYPROC FIRELINE PLASTERBOARD WHERE FORMING PROTECTED FIRE ESCAPE ROUTE AND FINISH WITH 3MM SKIM READY TO RECEIVE IN ALL CASES - REFER TO CDM RISK REGISTER PROVIDED BY MAIN CONTRACTOR ELSEWHERE LINE DRY SIDES WITH 2 x LAYERS OF 12.5MM GYPROC SOUNDBLOC PLASTERBOARD WITH 3MM SKIM READY TO RECEIVE DECORATION AREAS SUSCEPTIBLE TO HIGH LEVELS OF MOISTURE ABBREVIATION NOTES: RAINWATER DOWNPIPE (E.G. KITCHEN) TO RECEIVE MOISTURE RESISTANT SOIL VENT PIPE AUTOMATIC AIR VALVE AAV IF REQUIRED APPLY 1 x LAYER OF 18MM WBP PLY TO ACT AS ROBUST FIXING FOR CABINETRY IN LIEU OF 1 X LAYER OF PLASTERBOARD. TOUGHENED GLASS WALL TYPE WT06 - INTERNAL WALL LINING MECHANICAL EXTRACT WHERE INDICATED ON PLAN LINE STUDS WITH: SMOKE/HEAT/CARBON MONOXIDE DETECTOR SMOKE/HEAT/CARBON 12MM HARDIBACKER CEMENT BOARD APPLY TANKING SLURRY SUITABLE FOR WET ROOM APPLICATIONS 6MM TILE ADHESIVE (OR DEPTH AS SPECIFIED BY DRAINAGE RUNS TILE MANUFACTURER INSTALLATION GUIDANCE • FINISH WITH 12MM TILES & GROUT TO CLIENT DENOTES ASSUMED EXISTING SPECIFICATION DRAINAGE RUNS IF REQUIRED FOR ROBUST FIXING INCLUDE 1 x LAYER OF 18MM MARINE GRADE PLY TO THE REAR FACE OF CEMENT BOARD - FOR EXAMPLE - TO RECEIVE SHOWER CONTROL UNIT OVER BATH DENOTES INDICATIVE POSITION OF STRUCTURE OVERHEAD TO STRUCTURAL ENGINEER'S **DETAILS & SPECIFICATION** WALL TYPE WT07 - INTERNAL WALL DENOTES SOIL VENT PIPE 89MM x 38MM SW TREATED STUDS AT 400 - 600MM CTS WITH HEAD AND SOLE PLATES AND SOLID INTERMEDIATE HORIZONTAL NOGGINS AT 1/3 DENOTES DEMOLITION LINES LINE DRY SIDES WITH 2 x LAYERS OF 12.5MM GYPROC FIRELINE PLASTERBOARD WHERE FORMING PROTECTED FIRE ESCAPE ROUTE AND DENOTES AS EXISTING FINISH WITH 3MM SKIM READY TO RECEIVE SURVEYED DIMENSIONS ECORATION. SEWHERE LINE DRY SIDES WITH 2 x LAYERS OF 12.5MM GYPROC SOUNDBLOC PLASTERBOARD DENOTES PROPOSED WITH 3MM SKIM READY TO RECEIVE DECORATION DIMENSIONS AREAS SUSCEPTIBLE TO HIGH LEVELS OF MOISTURE (E.G. KITCHEN) TO RECEIVE MOISTURE RESISTANT **DENOTES MINIMUM 30 MINUTE** CAVITY BARRIER - PARTY WALL IF REQUIRED APPLY 1 x LAYER OF 18MM WBP PLY TO ACT AS ROBUST FIXING FOR CABINETRY IN LIEU DENOTES MINIMUM 30 MINUTE CAVITY CLOSER OF 1 X LAYER OF PLASTERBOARD. INTERMEDIATE FLOORS PCC BEAMS TO BE SUPPLIED AND FIXED TO BEAM MANUFACTURER'S PLAN, LAYOUT AND DETAILS (DETAILS AND

CALCULATIONS TO BE SENT TO BUILDING CONTROL FOR APPROVAL BEFORE WORKS COMMENCE).

BEAM TO HAVE A MINIMUM BEARING OF 100MM ONTO LOAD BEARING WALLS. PROVIDE CONCRETE BLOCKS TO BS EN 772-2, WET AND GROUT ALL JOINTS WITH 1:4 CEMENT/SAND MIX

PROVIDE DOUBLE BEAMS BELOW NON-LOAD BEARING PARTITIONS INTERMEDIATE FLOORS SHOULD HAVE A LAYER OF INSULATION TO REDUCE DOWNWARDS HEAT TRANSMISSION WITH A THERMAL RESISTANCE OF NOT LESS THAN 0.75(M2 ·K)/W. LAY 25MM KINGSPAN K103 FLOOR INSULATION OVER BEAM AND BLOCK FLOOR APPLIED AS A RIGID MATERIAL.

25MM INSULATION TO CONTINUE AROUND FLOOR PERIMETERS TO AVOID THERMAL BRIDGING, JOINTS BETWEEN INSULATION BOARDS TO BE PROPERLY TAPED TO PREVENT SEEPAGE OF SCREED. LAY 500G SEPARATING LAYER OVER INSULATION AND PROVIDE 75MM SAND/CEMENT SCREED OVER AND PREPARE FOR FLOOR FINISHES AS REQUIRED.

SCREEDS TO BE ISOLATED AT ALL EDGES, ABUTMENTS AND COLUMNS TO ALLOW FOR MOVEMENT DUE TO THERMAL LOADINGS. JOINTS TO BE FILLED WITH A SUITABLE FLEXIBLE FILLER. GROUT MUST NOT BE USED. THE MANUFACTURERS' GUIDANCE FOR BOTH THE FLOOR SCREED AND THE TILING MUST BE FOLLOWED TO DETERMINE THE MINIMUM THICKNESS OF EDGE STRIP REQUIRED TO ALLOW FOR EXPANSION

SCALE 1:50

ALLOW 75MM SERVICE VOID BELOW BEAM AND BLOCK FLOOR AND FINISH WITH 15MM GYPROC FIRELINE PLASTERBOARD AND 3MM SKIM READY TO RECEIVE DECORATION.

MANUFACTURER.

EN 1264-4 BEFORE FLOOR FINISH IS APPLIED.

UNDERFLOOR HEATING INSTALLATION TO BE DESIGNED AND SPECIFIED AS AN INTEGRATED PACKAGE BY THE SYSTEM MANUFACTURER TO ENSURE COMPATIBILITY OF ALL THE COMPONENTS. PIPEWORK LOOPS DESIGN, LAYOUT AND SIZING OF THE SYSTEM TO BE IN ACCORDANCE WITH BS EN 1264[1-5]. THE MOST APPROPRIATE LAYOUT FOR A PARTICULAR APPLICATION SHOULD BE CONFIRMED BY THE SYSTEM

MAXIMUM FLOOR TEMPERATURE TO BE 29°C. OR 27°C WHERE FLOOR TILING OR RESILIENT FLOOR IS PROPOSED IN COMPLIANCE WITH BS EN1264-2[1] PIPEWORK TO BE INSTALLED DIRECTLY TO RIGID INSULATION USING PROPRIETARY CLIP RAILS AND CLIPS, SPACED IN ACCORDANCE WITH PIPE LAYOUT DESIGN.

PIPEWORK LOOPS LEADING TO AND FROM THE MANIFOLDS TO BE KEPT FREE OF ANY SHARP BENDS THAT COULD RESTRICT THE FREE FLOW OF WATER, WHERE 90° BENDS ARE REQUIRED, METAL FORMERS TO BE USED TO PREVENT TWISTING AND CONSTRICTION. ALL JOINTS BETWEEN THE MANIFOLD AND PIPEWORK LOOPS ARE TO BE ACCOMMODATED ABOVE THE LEVEL OF

PIPEWORK LOOPS TO BE CHARGED WITH WATER AND PRESSURE TESTED PRIOR BEFORE SCREED IS POURED

SCREED. NO JOINTS TO BE EMBEDDED IN THE SCREED. PIPEWORK LOOPS SHOULD NOT EXTEND RIGHT TO THE EDGE OF THE FLOORS AND UNDER THE SKIRTING BOARD.

PIPEWORK FIXINGS TO MAINTAIN THE INTEGRITY OF THE INSULATION AND OTHER MATERIALS. EACH ROOM SHOULD BE PROVIDED WITH THERMOSTATIC ROOM CONTROLS. CAPABLE OF BEING USED TO

SEPARATELY ADAPT THE HEATING OUTPUT IN EACH ROOM SERVED BY THE HEATING APPLIANCE. LABELLING TO BE PROVIDED TO ENABLE EFFECTIVE INSPECTION, COMMISSIONING, MAINTENANCE AND REPAIRS

OF THE UNDERFLOOR HEATING INSTALLATION AND TO IDENTIFY THE ROOMS TO WHICH INDIVIDUAL PORTS OF THE ALL INSTALLED EQUIPMENT IN UNDERFLOOR HEATING SYSTEMS TO BE COMMISSIONED IN ACCORDANCE WITH BS

5365 Clear F02 BEDROOM 02 BEDROOM 02 LANDING ENSUITE ENSUITE FL194.190 LANDING FL194.190 FL194.190 CEILING MOUNTED FL194.190 TO SHOWER - 15L/S TO BS EN TO SHOWER - 15L/S TO BS EN 13141-4 OPERATED VIA LIGHT SWITCH TO TERMINATE AT TILE 13141-4 OPERATED VIA LIGHT SWITCH TO TERMINATE AT TILE VENT WITH COWL COVER VENT WITH COWL COVER CUP'D **CEILING MOUNTED** INTERMITTENT EXTRACT FAN INTERMITTENT EXTRACT FAI TO SHOWER - 15L/S TO BS EN TO SHOWER - 15L/S TO BS EN 13141-4 OPERATED VIA LIG 13141-4 OPERATED VIA LIGH WITCH TO TERMINATE AT TIL VENT WITH COWL COVER VENT WITH COWL COVER ENSULTET HUSUITE FL194.190 FL194.190 BEDROOM 03 BEDROOM 03 5365 Clear PROPOSED FIRST FLOOR PLAN

DRAFT - SUBJECT TO REVIEW BY BUILDING CONTROL & STRUCTURAL ENGINEER. TO BE READ IN CONJUNCTION WITH STRUCTURAL ENGINEER'S DOCUMENTATION

MEANS OF ESCAPE - FIRE DOORS

FORM A PROTECTED ESCAPE STAIRWAY BY PROVIDING HALF HOUR FIRE RESISTANCE TO ALL PARTITIONS, FLOORS AND CEILINGS. STAIRWAY TO BE PROTECTED AT ALL LEVELS AND TO LEAD DIRECTLY TO AN EXTERNAL DOOR AT GROUND LEVEL (NO INNER ROOMS ALLOWED). ALL DOORS ON TO THE STAIRWAY MUST BE FD30 RATED FIRE DOORS TO BS 476 (FITTED WITH INTUMESCENT STRIPS REBATED AROUND SIDES & TOP OF DOOR OR FRAME IF REQUIRED BY BUILDING CONTROL). WHERE APPLICABLE, ANY GLAZING IN FIRE DOORS TO BE HALF HOUR FIRE RESISTING.

PROVIDE A LINKED SMOKE ALARM DETECTION SYSTEM TO BS EN 14604 AND BS 5839-6:2019 TO AT LEAST A GRADE D2 CATEGORY LD2 STANDARD. SYSTEM TO BE MAINS POWERED WITH BATTERY BACK UP. SMOKE DETECTORS TO BE PROVIDED TO:

EACH HALLWAY AND LANDING EVERY PRINCIPAL LIVING ROOM (AS REQUIRED BY BUILDING CONTROL)

AN INTERLINKED HEAT DETECTOR TO BE PROVIDED IN THE KITCHEN. IN HALLWAYS EXCEEDING 7.5M IN LENGTH, NO POINT WITHIN THE HALLWAY SHOULD EXCEED 7.5M FROM THE NEAREST DETECTOR AND NO BEDROOM DOOR SHOULD BE FURTHER THAN 3M FROM THE NEAREST SMOKE ALARM, IF CEILING MOUNTED DETECTORS TO BE 300MM FROM THE WALLS AND LIGHT FITTINGS.

STAIRCASE:

• 13No EQUAL RISERS OF Nom 211.5 MM OVER A STOREY HEIGHT OF 2750MM

• THE PITCH OF THE STAIR Nom. 40.° (42° IS MAXIMUM PITCH) THE RISERS WILL BE CLOSED

THE STAIRCASE TO HAVE A MINIMUM HEADROOM OF 2M ABOVE THE PITCH LINE

• THE CLEAR WIDTH OF THE STAIR BETWEEN HANDRAILS = 1025MM SEE PLANS

• THE CLEAR WIDTH OF THE STAIR BETWEEN NEWEL POST = 1000MM

 THE HANDRAIL ON THE STAIRWAY & LANDING IS TO BE 900MM HIGH VERTICALLY ABOVE THE PITCH LINE/FINISHED LANDING LEVEL

ALL GUARDING TO BE NON CLIMBABLE AND TO RESIST HORIZONTAL FORCES AS DEFINED IN BS 6399:

 BALUSTRADING SHOULD CONTAIN NO SPACE THROUGH WHICH A 100MM SPHERE COULD PASS A MINIMUM CLEAR SPACE OF 400MM THE FULL WIDTH OF THE FLIGHT IS TO BE MAINTAINED CLEAR OF

ANY DOOR SWINGS

DISABLED ACCESS STATEMENT - PART M4(1)

INTERNAL CORRIDORS AND DOOR WIDTHS DOORWAY CLEAR OPENING WIDTH AND CORRIDOR CLEAR PASSAGE WAY WIDTH TO COMPLY WITH THE

750MM OR WIDER DOORWAY – CORRIDOR TO BE 900MM (WHEN APPROACHED HEAD ON) 750MM DOORWAY – CORRIDOR TO BE 1200MM (WHEN APPROACH IS NOT HEAD ON) 775MM DOORWAY – CORRIDOR TO BE 1050MM (WHEN APPROACH IS NOT HEAD ON)

800MM DOORWAY - CORRIDOR TO BE 900M (WHEN APPROACH IS NOT HEAD ON) DOOR AND CORRIDOR WIDTH TO COMPLY WITH DIAGRAM 1.2 AND TO BE MEASURED IN ACCORDANCE WITH DIAGRAM 1.1, APPROVED DOCUMENT M.

ANY LOCALISED OBSTRUCTION MUST NOT OCCUR OPPOSITE OR CLOSE TO A DOORWAY, AND SHOULD NOT BE LONGER THAN 2M IN LENGTH. THE CORRIDOR MUST NOT BE REDUCED BELOW A MINIMUM 750MM WIDTH

ACCESSIBLE SWITCHES, SOCKETS, CONTROLS ETC

ALL ELECTRIC SOCKETS OUTLETS, CONTROLS AND SWITCHES ETC TO BE POSITIONED BETWEEN 450MM AND ACCESSIBLE CONSUMER UNITS SHOULD BE FITTED WITH A CHILD PROOF COVER OR INSTALLED IN A LOCKABLE CUPBOARD.

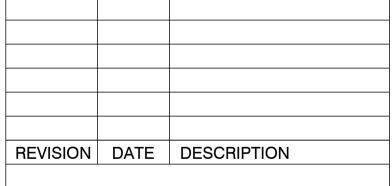
BUILDING REGULATIONS

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SPECIALIST SUPPLIERS/SUBCONTRACTORS TO SUBMIT DRAWINGS AND DETAILS TO FREDRICK ADAM ARCHITECTS FOR APPROVAL PRIOR TO MANUFACTURE/CONSTRUCTION

do not scale from drawings. Work to figured dimensions. Ali DIMENSIONS ARE TO BE CHECKED ON SITE PRIOR TO FABRICATION OF Components / Setting out. Report any discrepancies to fredrick ADAM IMMEDIATELY.

LAND TO THE REAR OF DEERHURST Mr and Mrs P Wheeler The Shrave Four Marks, Hampshire, GU34 5BH



PROJECT NO: FA-R-20-17 MODEL FILE:

HBR DRAWN BY: **TAD** CHK'D BY:

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SHEET TITLE

B005 First Floor Plan

FA-R-20-17

Scale: 1: 50 @ A1



Fredrick Adam