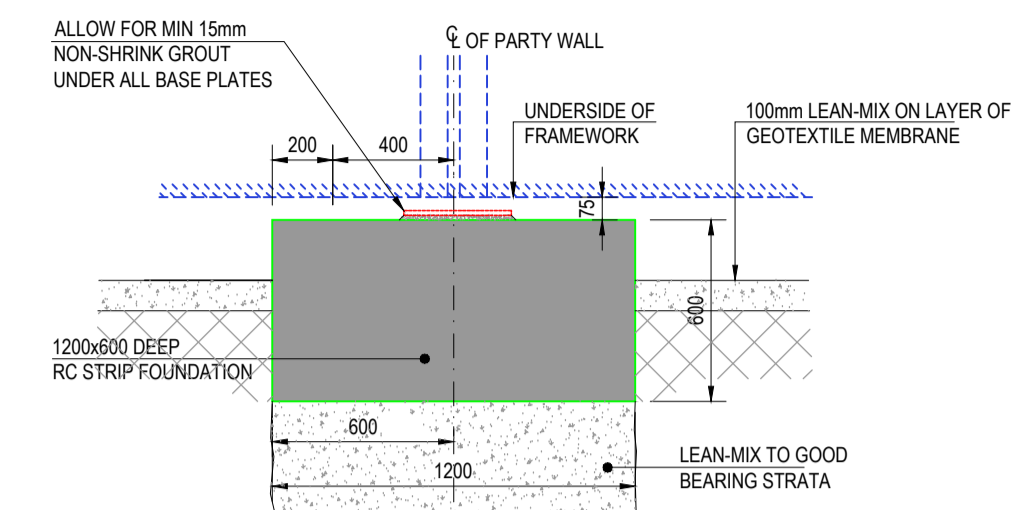


SECTION 1-1 SCALE 1:25



SECTION 2-2 SCALE 1:25

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- 3) ALL DIMENSIONS TO BE CHECKED ON SITE AND ANY DISCREPANCY TO BE REPORTED TO THE ARCHITECT / ENGINEER. FIGURED DIMENSIONS ONLY TO BE USED, DRAWINGS NOT TO BE SCALED. ALL LEVELS ARE STRUCTURAL UNLESS OTHERWISE NOTED.
- 4) THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL HL DRAWINGS AND SPECIFICATIONS

REV	BY	CKD.	DATE	DESCRIPTION
2	BL	KC	11.11.22	REVISED AND RE ISSUED FOR INFORMATION

PROJECT UKRAINIAN REFUGEE , MODULAR HOUSING PROJECTS			
DRG. TITLE TYPICAL FOUNDATION LAYOUT			
SCALE AS SHOWN (@ A1)	DRAWN BY BL	CHECKED BY KC	APPROVED BY KC

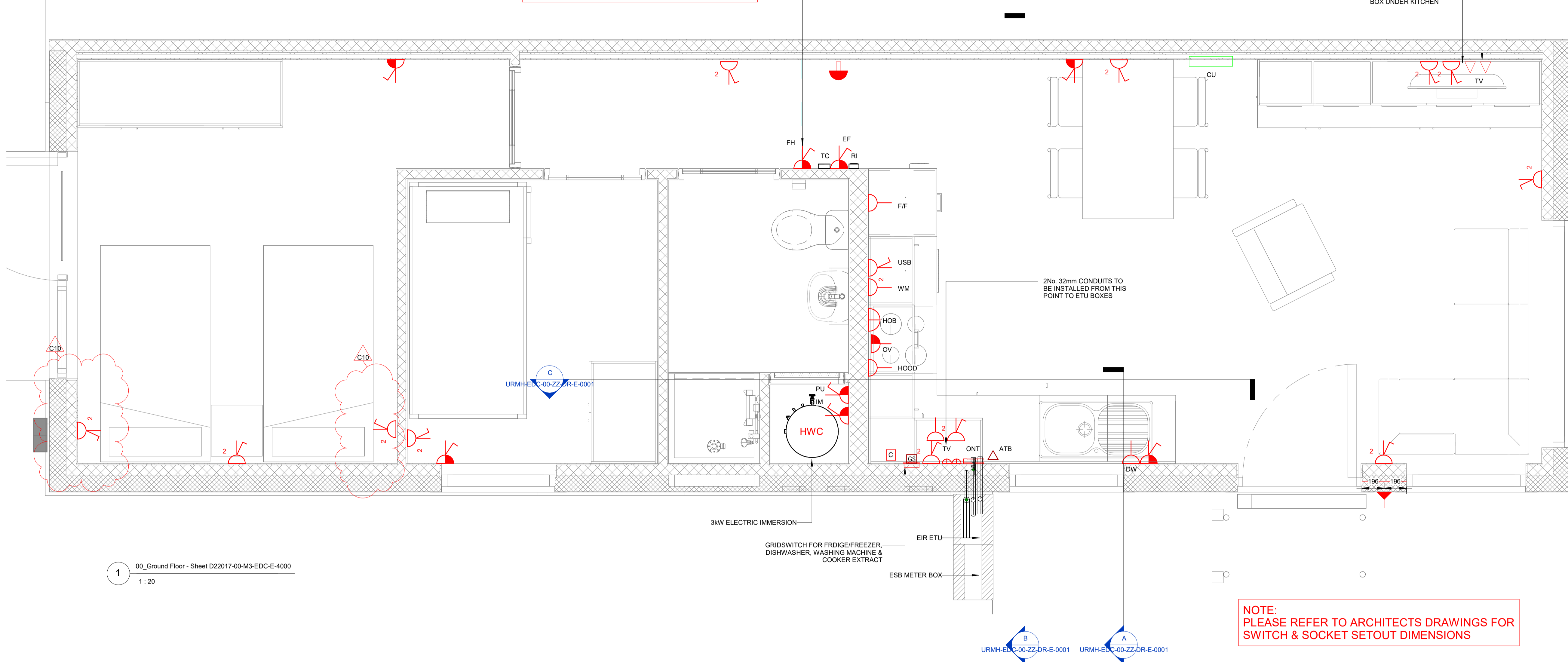
**Horganlynch**  
Consulting Engineers  
Tellengana, Blackrock Road, Cork.  
t: +353 21 4936100  
e: cork@horganlynch.ie  
www.horganlynch.ie

DWG: TIPP01-HLE-00-FN-DR-S-0500

HL PROJECT REF. S124	STATUS S2	REVISION 2
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**NOTE:**  
FOR CONSUMER UNIT SETOUT PLEASE REFER TO ARCHITECTS DRAWINGS

COAX WIRED EXTERNALLY TO SEPARATE ETU ENCLOSURE  
DATA POINT WIRED BACK TO DATA POINT ADJACENT THE ONT BOX UNDER KITCHEN



**NOTES:**

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IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO LIAISE WITH THE MAIN CONTRACTOR & ALL OTHER TRADES TO ENSURE THE CO-ORDINATION OF WORKS TO SUIT PROGRAM CONTRACTS & AVOID CLASHES.

ACCESS STRATEGY TO BE AGREED BY ARCHITECT. PLEASE REFER TO ELECTRICAL SERVICES RISER LAYOUT DRAWING FOR EQUIPMENT, DATA AND POWER SUPPLY REQUIREMENTS.

- LEGEND:**
- SF - SWITCHED FUSED CONNECTION UNIT
  - USF - UNSWITCHED FUSED CONNECTION UNIT
  - SS - SINGLE SOCKET OUTLET UNSWITCHED
  - DS - DOUBLE SOCKET OUTLET SWITCHED
  - DSU - USB DOUBLE SOCKET OUTLET SWITCHED
  - GS - GRID SWITCH
  - DB - DOORBELL
  - DC - DOORBELL CHIME
  - TV - TV POINT
  - DP - DATA POINT
  - SS - SHAVER SOCKET
  - BP - BLANK PLATE
  - ATC LIFESTYLE LS1500 ELECTRIC RADIATOR
  - ATC LIFESTYLE LS1000 ELECTRIC RADIATOR
  - ATC LIFESTYLE LS750 ELECTRIC RADIATOR
  - ATC BAVARO BATHROOM DOWNFLOW HEATER
- F.H. FAN HEATER SPUR  
I.M. IMMERSION  
C.U. CONSUMER UNIT  
OV OVEN  
WM WASHING MACHINE  
F/F FRIDGE/FREEZER  
DW DISHWASHER  
ONT OPTICAL NETWORK TERMINATION  
ATB ACCESS TERMINAL BOX  
PU PUMP  
RI REMOTE INDICATOR/EXTRACT FAN ALARM  
EF EXTRACT FAN  
TC TIME CLOCK  
TCS TIME CLOCK SPUR

1 00\_Ground Floor - Sheet D22017-00-M3-EDC-E-4000  
1:20

**NOTE:**  
PLEASE REFER TO ARCHITECTS DRAWINGS FOR SWITCH & SOCKET SETOUT DIMENSIONS

**NOTE:**  
CONTRACTOR SHALL ALLOW A COIL FOR EACH SERVICE (EIR/ESB/TV) OF CONDUIT/CABLE OF MINIMUM 6m FROM THE FLOOR EXIT POINT OF THE MODULE

**NOTE:**  
CAT6 DATA CABLE AND COAX RUN BETWEEN TV AND ABOVE KITCHEN UNIT. COAX WIRED TO OUTLET AT KITCHEN

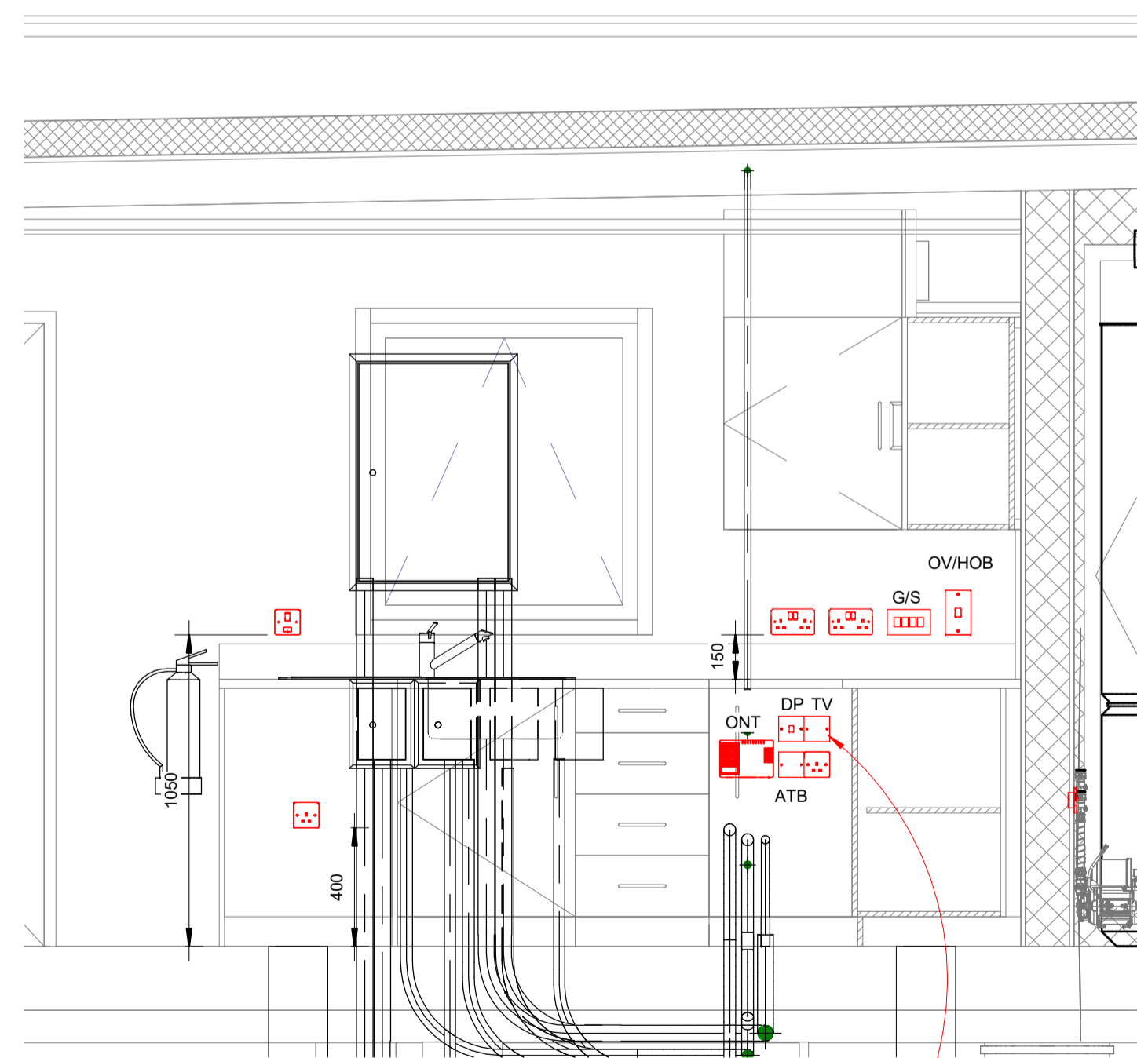
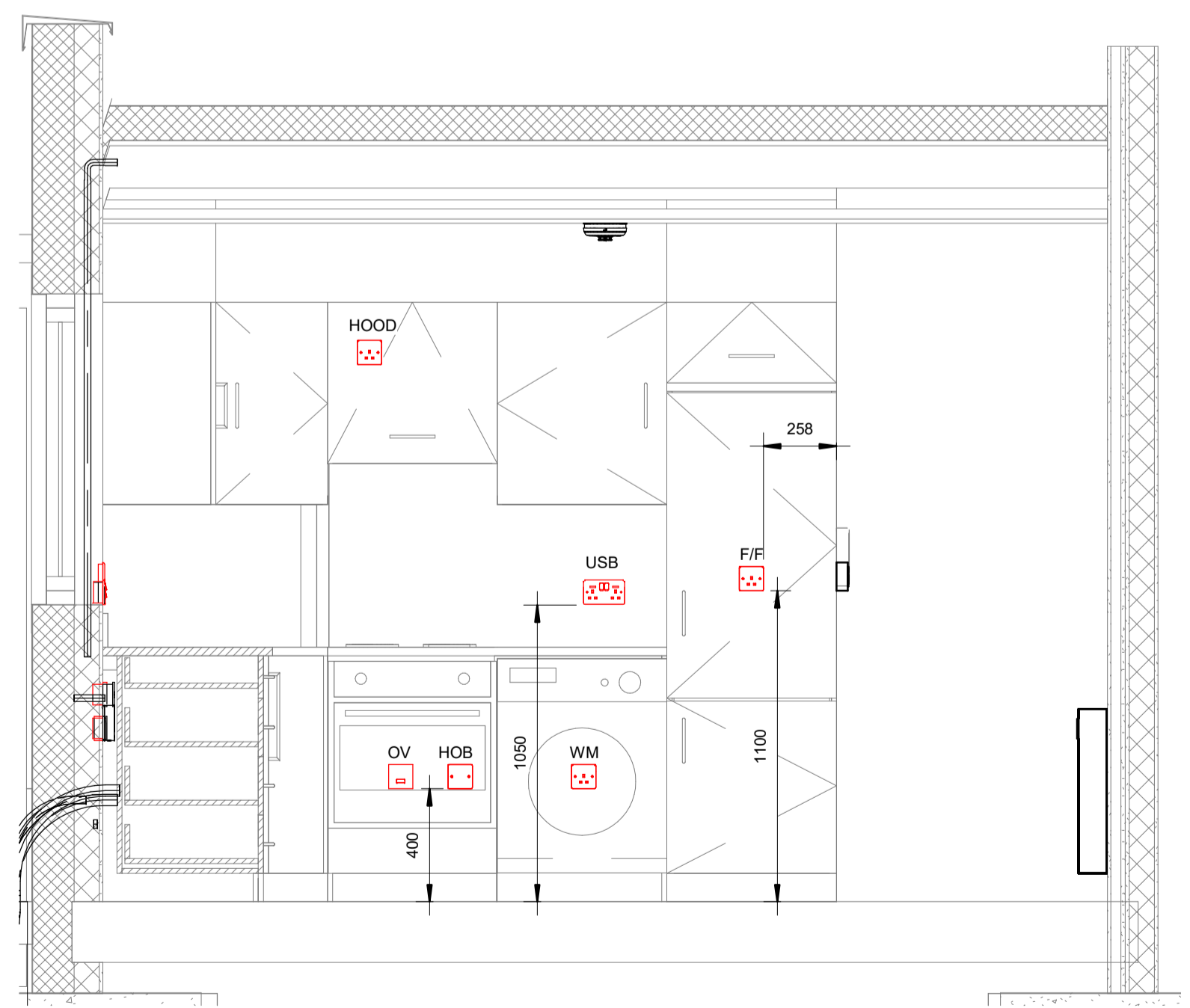
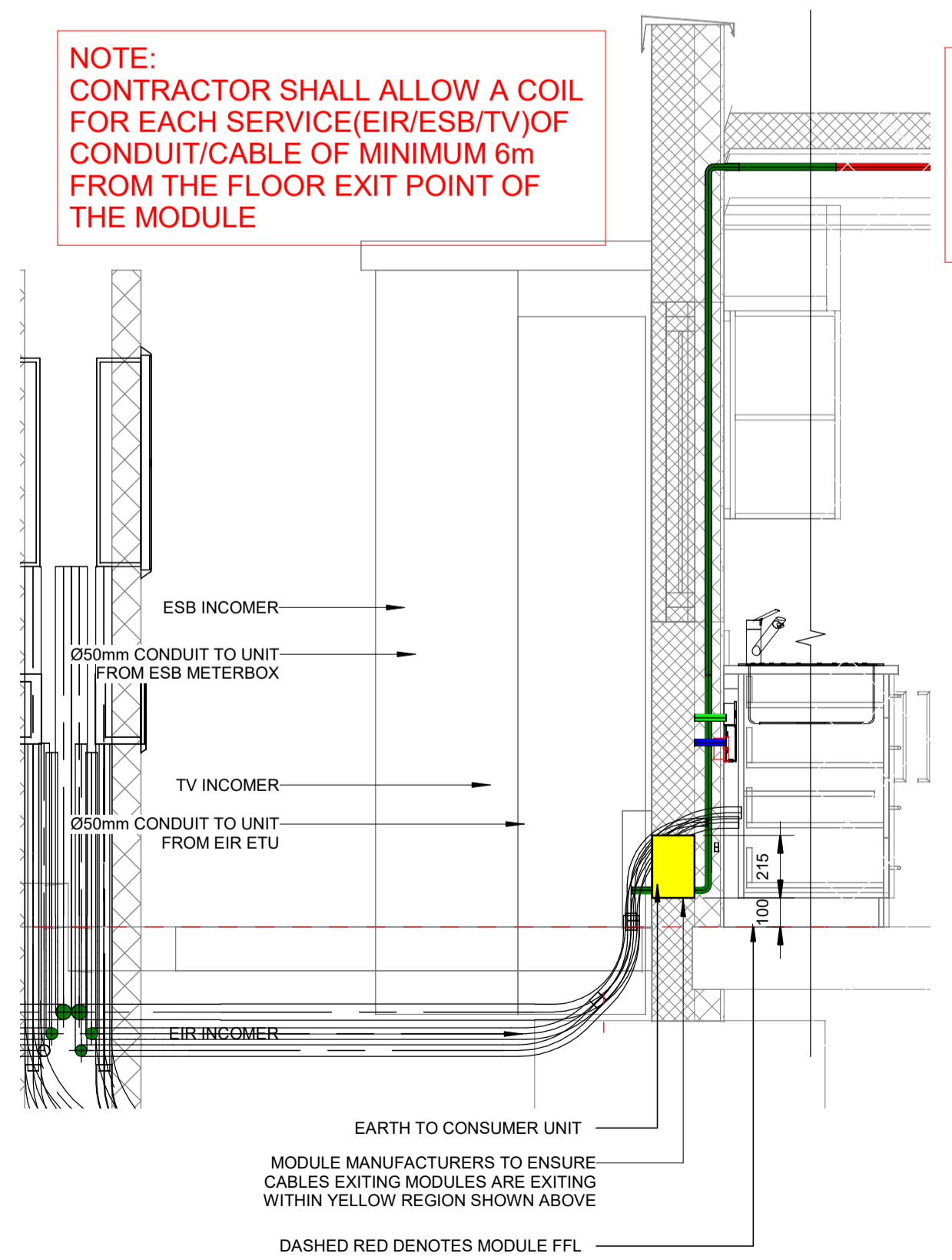
**NOTE:**  
CONTRACTOR SHALL ALLOW COILS OF CONDUIT/CABLE OF MINIMUM 6m FROM THE FLOOR EXIT POINT OF THE MODULE

**NOTE:**  
CONDUITS TERMINATED IN BOX

**NOTE:**  
ONT & ATB BOXES BY OTHERS

**NOTE:**  
TEXT FOR ONT SOCKET TBC

**NOTE:**  
TO BE BLANK OUTLET WITH CONTINUOUS CABLE RUN FROM EXTERNAL TV ETU TO TV OUTLET BEHIND TV POSITION IN LIVING ROOM



Rev	Date	Description	Orig	App
C10	07.07.23	SOCKETS RELOCATED FOR SINGLE BEDS	EMcl	CMG
C09	28.05.23	SOCKET ADDED TO MASTER BEDROOM	EMcl	CMG
C08	20.03.23	ISOLATOR/PLATE/DETAIL UPDATED	EMcl	CMG
C07	20.01.23	TIMECLOCK SPUR REMOVED/DETAIL UPDATED	EMcl	CMG
C06	04.01.23	CONDUITS REROUTED/DOORBELL MOVED	EMcl	CMG
C05	20.12.22	OVEN SWITCH MOVED/SWITCH ADDED	EMcl	CMG
C04	15.12.22	ISSUED FOR CONSTRUCTION	EMcl	CMG
C03	08.12.22	ISSUED FOR CONSTRUCTION	EMcl	CMG
C02	23.11.22	SWITCH/HIGHLIGHT/RAID POSITIONS UPDATED	EMcl	CMG
C01	11.11.22	ISSUED FOR CONSTRUCTION	EMcl	CMG

Client: JOHN SISK & SON

Name of Job: UKRAINIAN MODULAR HOUSING

Title of Drawing: SMALL POWER & DATA SERVICES LAYOUT GROUND FLOOR

Drawing No: URMH-EDC-00-ZZ-DR-E-0001

Scale @ A1: 1:20  
Model Manager: EMcl  
Project Manager: CMcG

**Mechanical & Electrical Consulting Engineers**

**EDC**

Cork Office  
Tel: +353 (0)21 4280476  
email: info@edcengineers.com

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A POWER CONNECTIONS - SECTION A  
1:20

B SECTION B-B  
1:20

C SECTION C-C  
1:20

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ACCESS STRATEGY TO BE AGREED BY ARCHITECT.

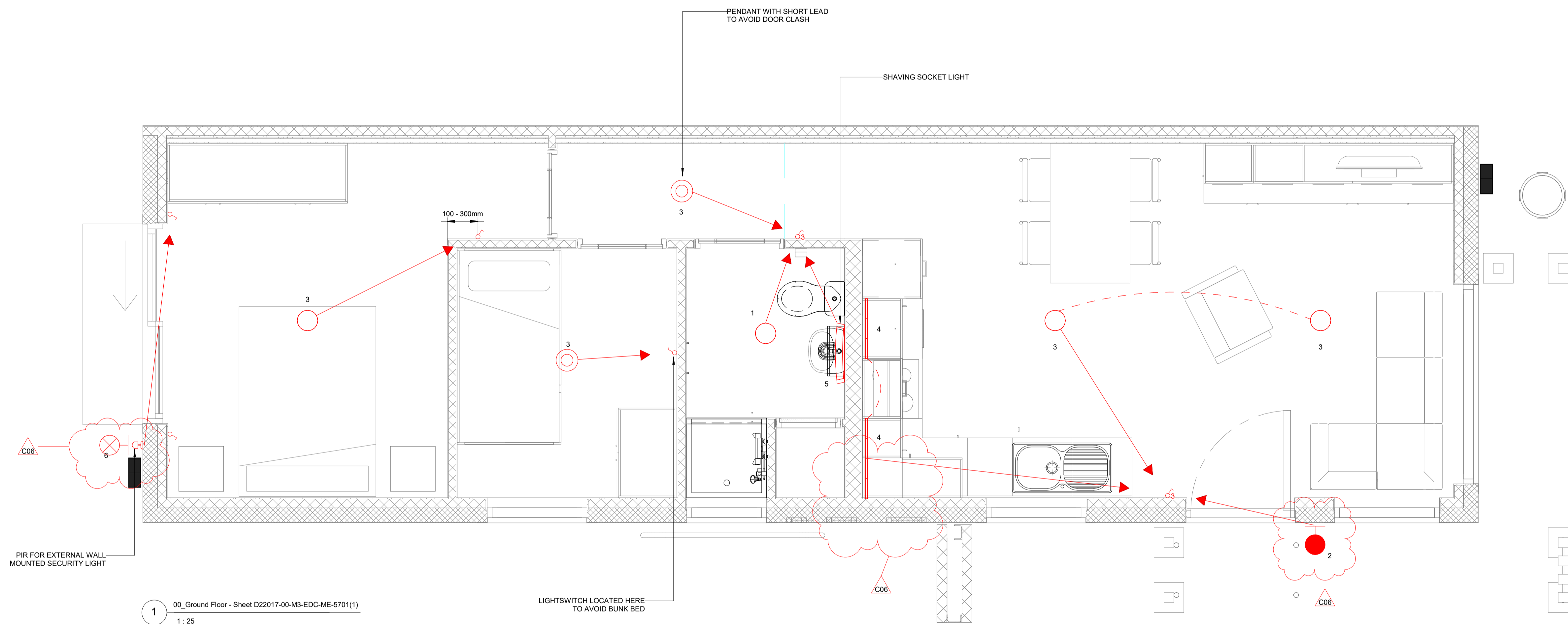
ALL MOUNTING HEIGHTS FOR DEVICES SHALL BE AS PER ARCHITECTURAL DOCUMENTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CO-ORDINATING ALL LUMINAIRES WITH THE OTHER CEILING OR WALL MOUNTED SERVICES AND THE BUILDING STRUCTURE.

REFER TO LUMINAIRE SCHEDULE FOR LUMINAIRE INFORMATION. CONTRACTOR TO ALLOW FOR CONTRACTOR WHEN PROCURING DISTRIBUTION BOARDS. CONTRACTORS TO BE INTEGRATED INTO THE RELEVANT DISTRIBUTION BOARD.

CONTRACTOR TO ENSURE INSTALLATION OF ALL ELECTRICAL DEVICES COMPLIES WITH PART M OF THE BUILDING REGULATIONS.

- 1 BULKHEAD LUMINAIRE
- 2 WALL MOUNTED EXTERNAL LIGHT
- 3 PENDANT LUMINAIRE
- 4 UNDER CABINET LED STRIP
- 5 SHAVING SOCKET LIGHT
- 6 EXTERNAL SECURITY LIGHT
- CH EXTERNAL PIR
- D x 1 GANG 1-WAY RETRACTIVE DIMMER SWITCH
- 1 GANG 1-WAY RETRACTIVE SWITCH
- D x 1 GANG 1-WAY RETRACTIVE SWITCH
- D x 1 GANG 2-WAY RETRACTIVE DIMMER SWITCH
- 1 GANG 2-WAY RETRACTIVE SWITCH
- D x 1 GANG 2-WAY RETRACTIVE SWITCH
- 3POLE FAN ISOLATOR SWITCH FAN BOOSTED BY PIR



1 00\_Ground Floor - Sheet D22017-00-M3-EDC-ME-5701(1)  
1:25

LIGHTSWITCH LOCATED HERE TO AVOID BUNK BED

**NOTE:**  
EXTERNAL SECURITY LIGHT SWITCH MAY BE PLACED ON EITHER SIDE OF SLIDING DOOR TO AVOID STRUCTURAL FRAME

**NOTE:**  
PLEASE REFER TO ARCHITECTS DRAWINGS FOR LIGHTING SETOUT DIMENSIONS

Rev	Date	Description	Orig	App
C06	31.03.23	LIGHT GEOMETRY UPDATED	EMcI	CMG
C05	20.12.22	LIGHT TYPE CHANGED.	EMcI	CMG
C04	15.12.22	ISSUED FOR CONSTRUCTION	EMcI	CMG
C03	23.11.22	SWITCHLIGHT/FRAD POSITIONS UPDATED	EMcI	CMG
C02	11.11.22	ISSUED FOR CONSTRUCTION	EMcI	CMG
C01	11.11.22	ISSUED FOR CONSTRUCTION	EMcI	CMG

Client		JOHN SISK & SON	
Name of Job		UKRAINIAN MODULAR HOUSING	
Title of Drawing		LIGHTING LAYOUT GROUND FLOOR	
Drawing No:		URMH-EDC-00-ZZ-DR-E-0002	
Scale @ A1	Model Manager	Project Manager	
1:20	EMcI	CMcG	

**Mechanical & Electrical Consulting Engineers**

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Cork Office  
Tel: +353 (0)21 4280476, email: info@edcengineers.com

Dublin Office  
Tel: +353 (0)1 5313663, email: info@edcengineers.com

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Tel: +44 (0)203 0040062, email: info@edcengineers.com

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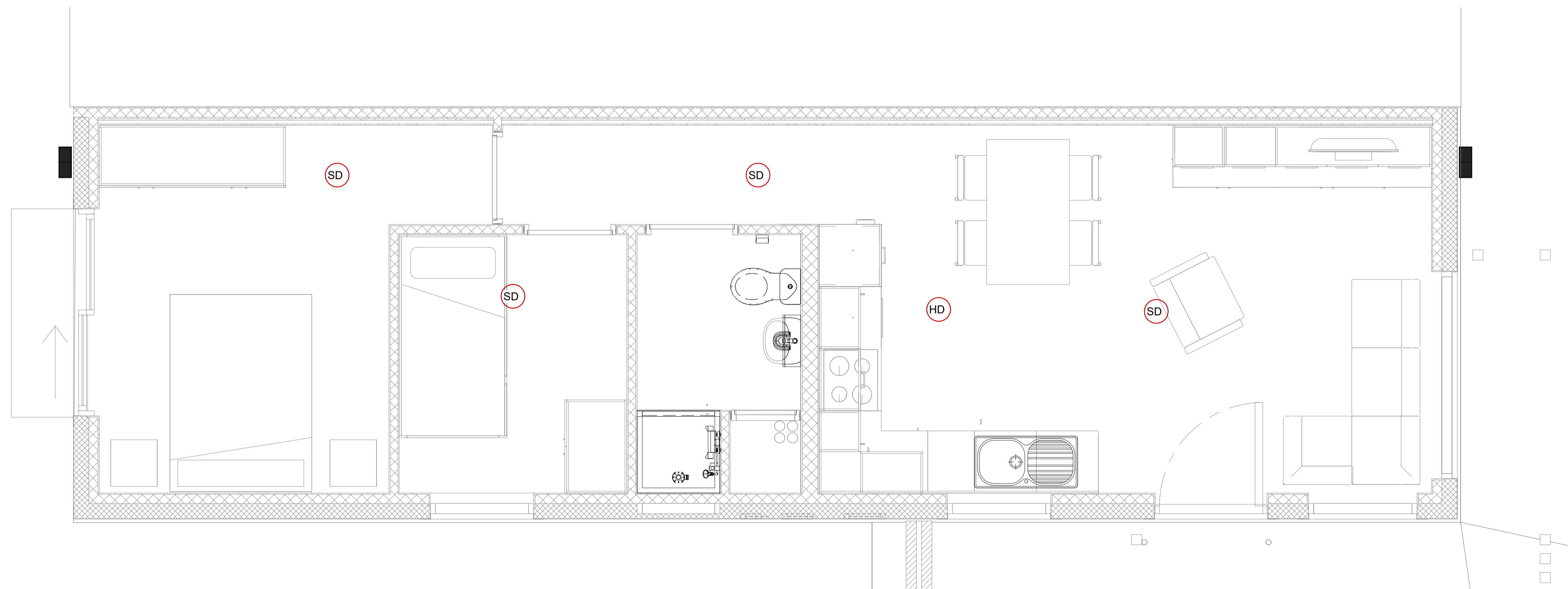
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**LEGEND:**

-  SMOKE DETECTOR WITH SOUNDER
-  HEAT DETECTOR WITH SOUNDER



1 00\_Ground Floor - Sheet D22017-00-M3-EDC-E-7000  
1 : 25

**NOTE:**  
PLEASE REFER TO ARCHITECTS DRAWINGS FOR  
SMOKE/HEAT DETECTOR SETOUT DIMENSIONS

Rev	Date	Description	Orig	App
C02	15.12.22	ISSUED FOR CONSTRUCTION	EMcI	LF
C01	11.11.22	ISSUED FOR CONSTRUCTION	EMcI	LF

Client: JOHN SISK & SON

Name of Job: UKRAINIAN MODULAR HOUSING

Title of Drawing: FIRE ALARM SERVICES LAYOUT GROUND FLOOR

Drawing No: URMH-EDC-00-ZZ-DR-E-0003

Scale @ A1	Model Manager	Project Manager
1:20	EMcI	CMcG

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Cork Office  
Tel: +353 (0)21 4280476, email: info@edcengineers.com

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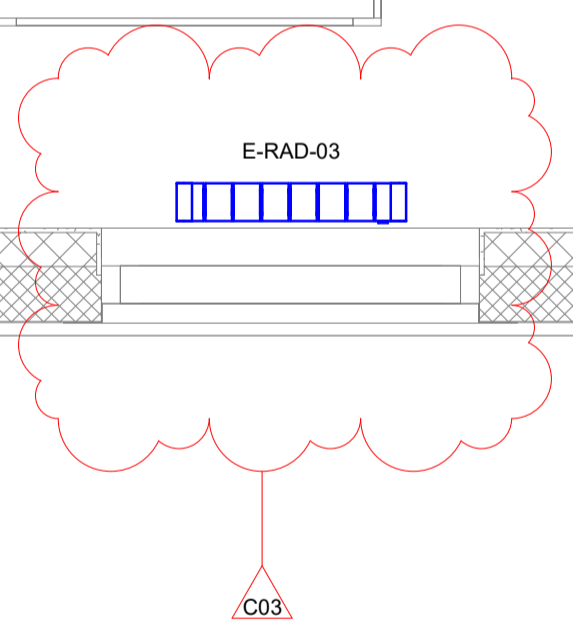
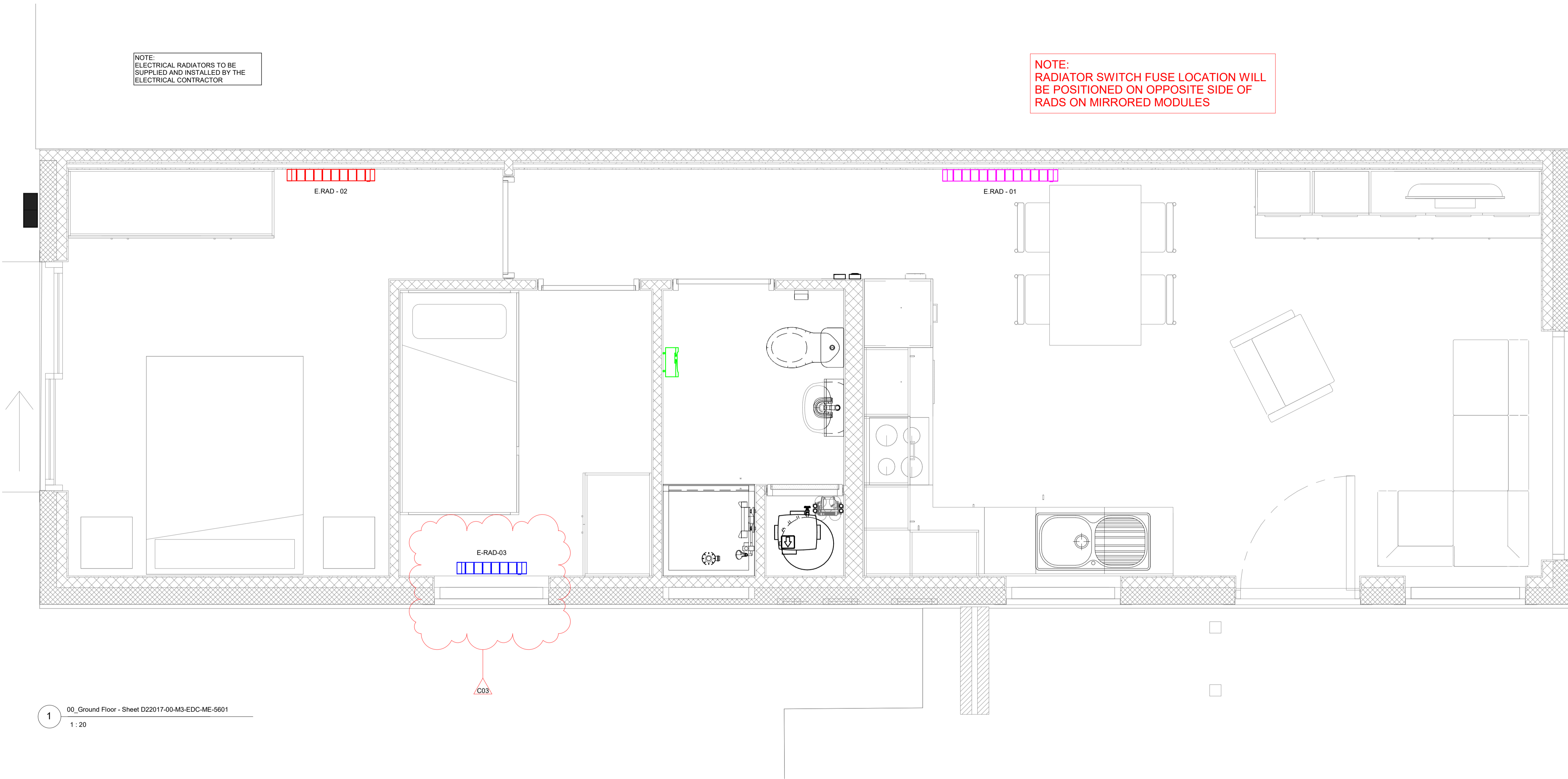
ACCESS STRATEGY TO BE AGREED BY ARCHITECT. PLEASE REFER TO ELECTRICAL SERVICES RISER LAYOUT DRAWING FOR EQUIPMENT DATA AND POWER SUPPLY REQUIREMENTS.

**LEGEND:**

-  ATC LIFESTYLE LS1500 ELECTRIC RADIATOR
-  ATC LIFESTYLE LS1000 ELECTRIC RADIATOR
-  ATC LIFESTYLE LS750 ELECTRIC RADIATOR
-  ATC BAVARO BATHROOM DOWNFLOW HEATER

NOTE:  
ELECTRICAL RADIATORS TO BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR

NOTE:  
RADIATOR SWITCH FUSE LOCATION WILL BE POSITIONED ON OPPOSITE SIDE OF RADS ON MIRRORED MODULES



NOTE:  
PLEASE REFER TO ARCHITECTS DRAWINGS FOR RAD/HEATER SETOUT DIMENSIONS

1 00\_Ground Floor - Sheet D22017-00-M3-EDC-ME-5601  
1 : 20

Rev	Date	Description	Orig	App
C03	15.12.22	ISSUED FOR CONSTRUCTION	EMcl	LF
C02	23.11.22	SWITCHLIGHT/RAD POSITIONS UPDATED	EMcl	LF
C01	11.11.22	ISSUED FOR CONSTRUCTION	EMcl	LF

Client: JOHN SISK & SON

Name of Job: UKRAINIAN MODULAR HOUSING

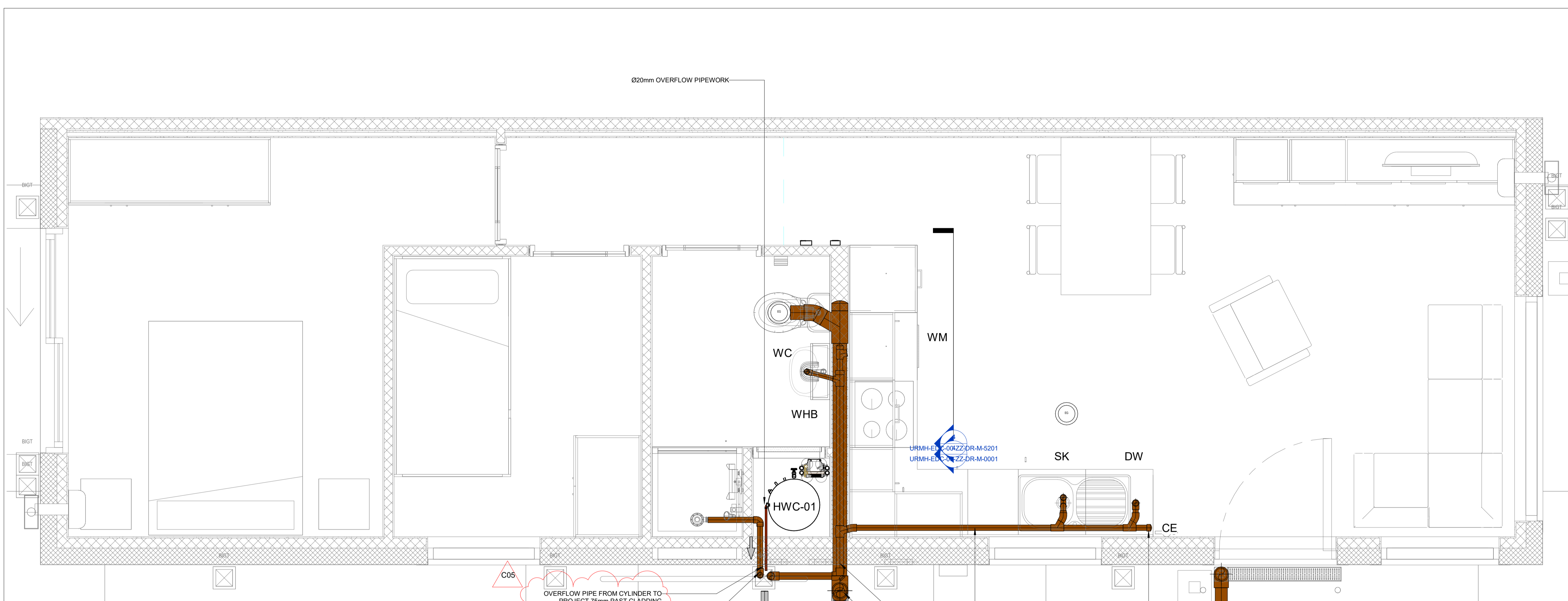
Title of Drawing: HEATING SYSTEM LAYOUT GROUND FLOOR

Drawing No: URMH-EDC-00-ZZ-DR-E-0004

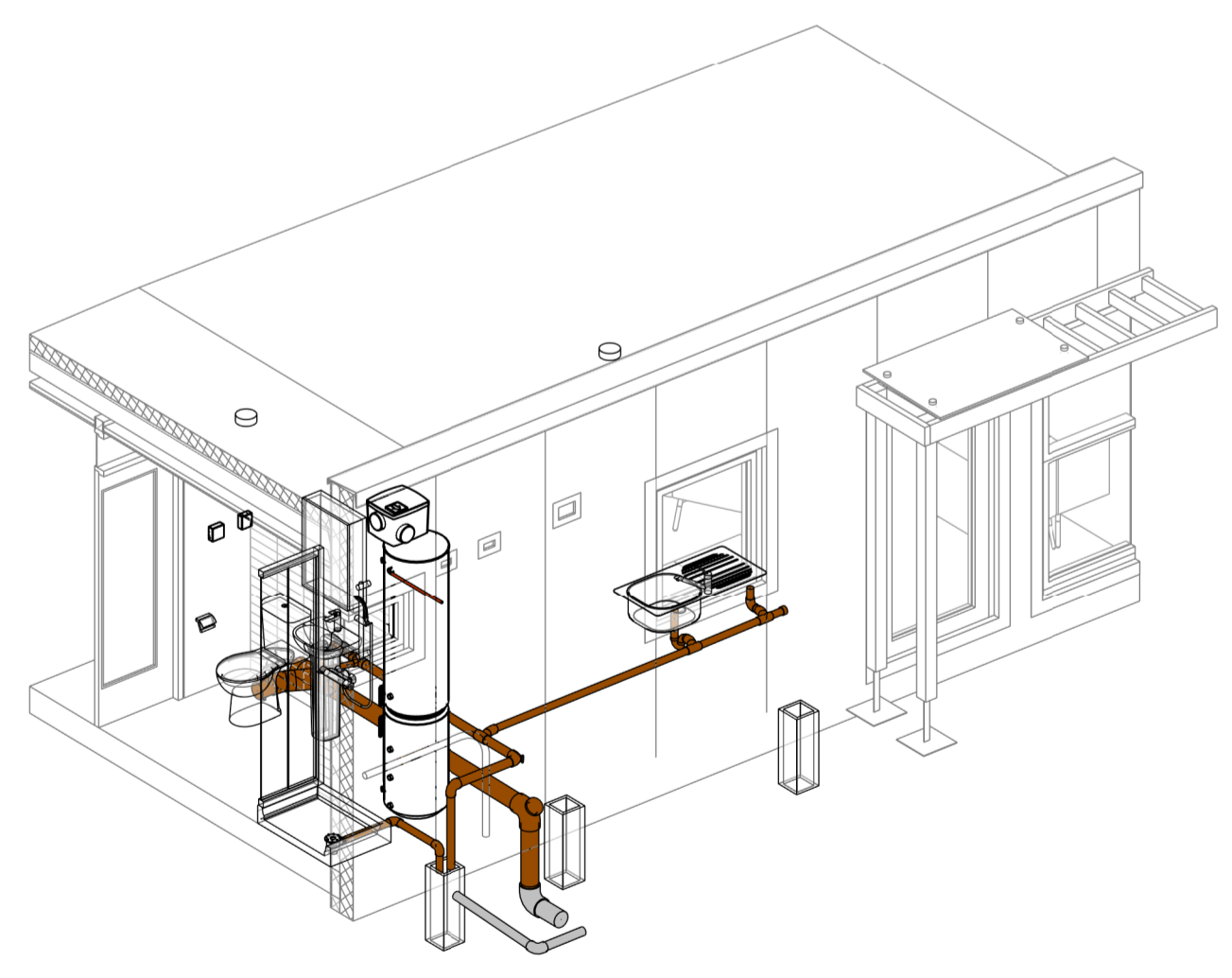
Scale @ A1: As indicated | Model Manager: EMcl | Project Manager: CMcG

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1 00\_Ground Floor - Sheet D22017-00-M3-EDC-ME-5201  
1:20

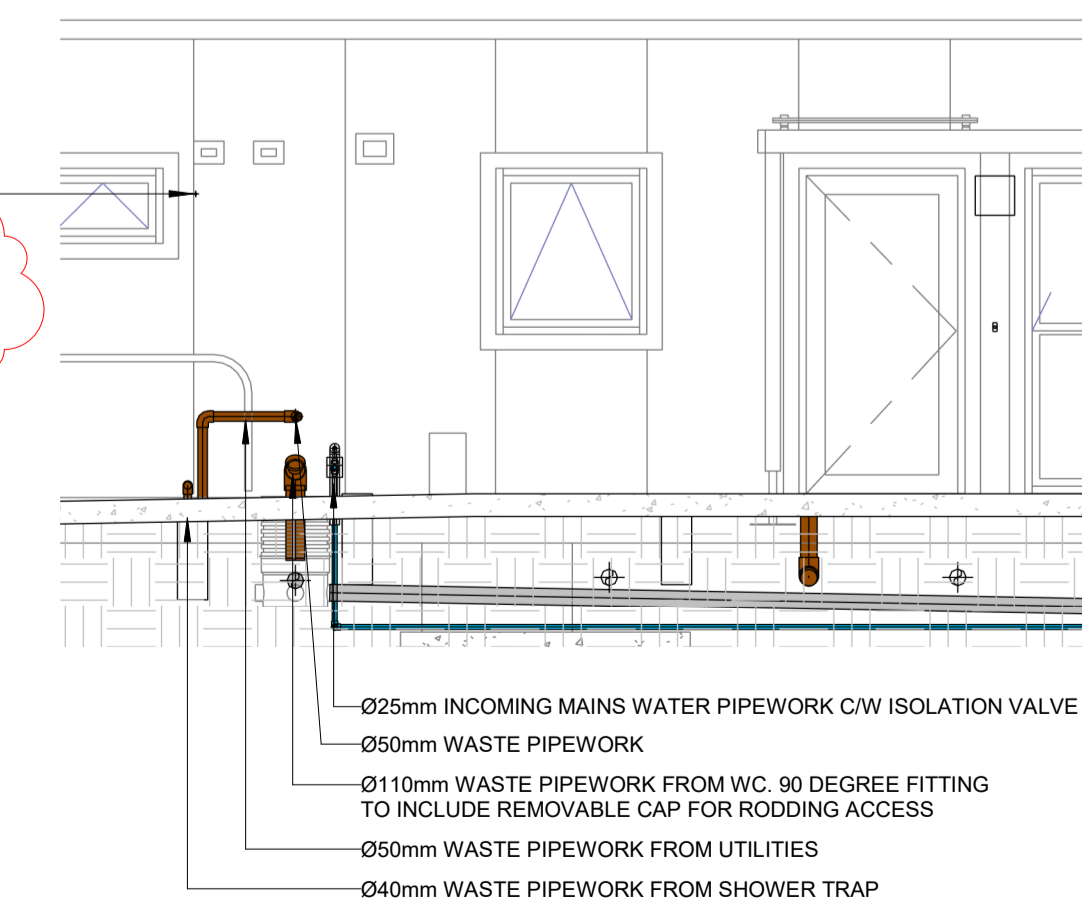


2 SOILS & WASTE SITE CONNECTION DETAIL

OVERFLOW PIPE FROM CYLINDER TO PROJECT 75mm PAST CLADDING  
DRAINAGE PIPEWORK EXITS BUILDING AND TERMINATES ABOVE LINE OF EXTERNAL CONCRETE SURFACE. CIVIL ENGINEER TO PROVIDE BACK-ENDED GULLY  
MODULE MANUFACTURERS SITE TEAM TO PROVIDE EXTERNAL CONNECTIONS AS SHOWN. ALLOW TO TERMINATE PIPEWORK ABOVE GULLY BY A MINIMUM OF THE PIPEWORKS DIAMETER  
Ø50mm WASTE FROM BUILDING TO RUN TO ACCESS JUNCTION (TO BE PROVIDED BY CIVIL ENGINEER)  
Ø110mm WASTE FROM BUILDING TO RUN TO ACCESS JUNCTION (TO BE PROVIDED BY CIVIL ENGINEER)

Ø20mm OVERFLOW PIPEWORK  
OVERFLOW PIPE FROM CYLINDER TO PROJECT 75mm PAST CLADDING

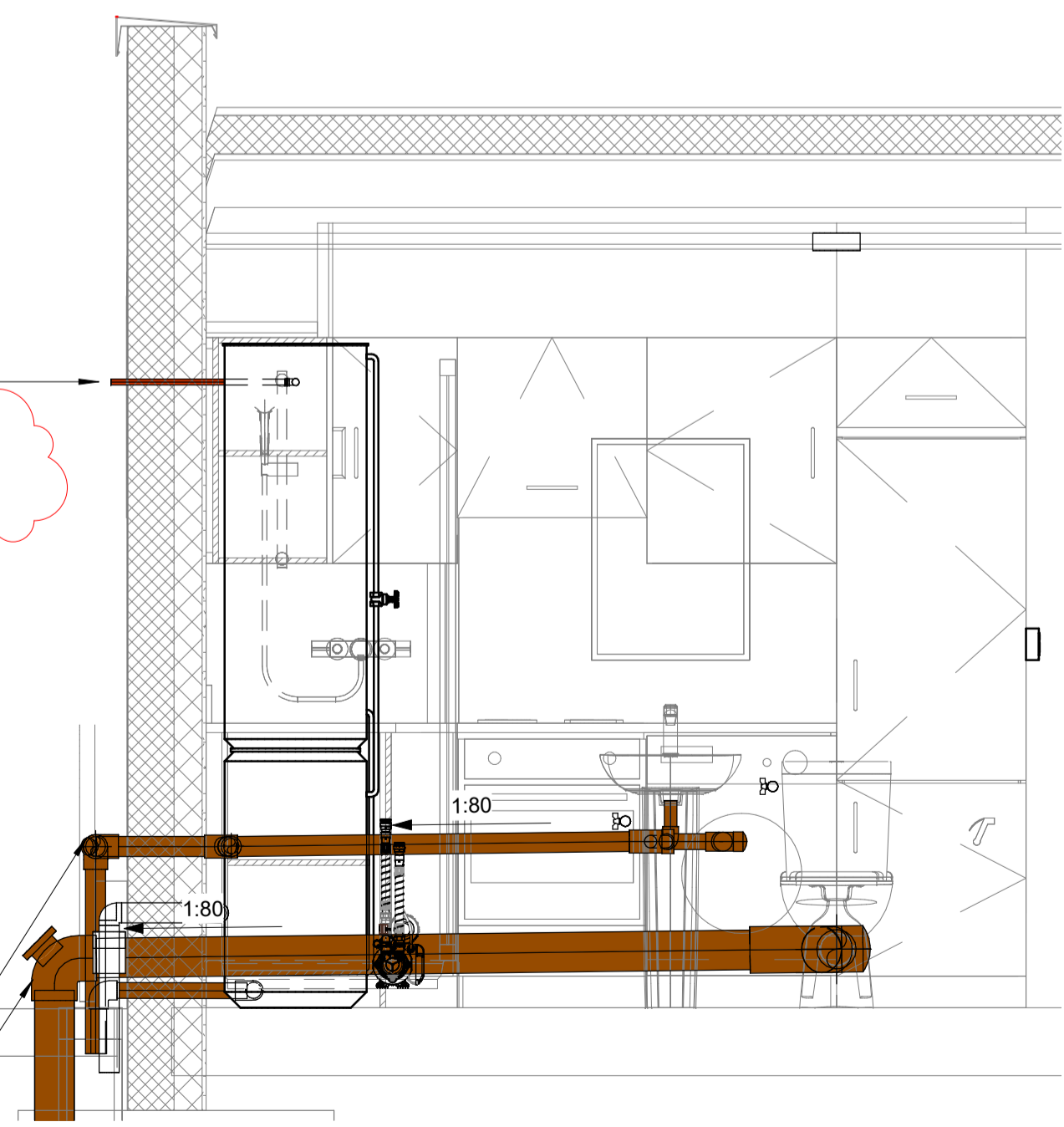
40 mme SWP  
Ø50mm SOILS & WASTE PIPE ABOVE Ø10mm PIPEWORK IN JUMBO STUD  
Ø50mm SOILS & WASTE PIPE ABOVE Ø110mm PIPEWORK IN JUMBO STUD  
ACCESS TO CLEANING EYE TO BE MAINTAINED UNDERNEATH SINK JOINERY



A SOILS & WASTE - SECTION A  
1:50

Ø20mm OVERFLOW PIPEWORK FROM COMBI CYLINDER  
OVERFLOW PIPE FROM CYLINDER TO PROJECT 75mm PAST CLADDING

90 DEGREE FITTING TO INCLUDE CAP FOR RODDING ACCESS  
90 DEGREE FITTING TO INCLUDE CAP FOR RODDING ACCESS



4 ACCESS PANEL 2 DETAIL  
1:20

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ALL SVP STACKS ARE 110MM DIAMETER AND ARE TO BE UPVC UNLESS NOTED SPECIFICALLY OTHERWISE. RAINWATER PIPEWORK & FITTINGS FROM GROUND FLOOR TO ROOF LEVEL SHALL BE PROVIDED BY UPVC.  
FIRE COLLARS SHALL BE INSTALLED ON ALL PIPES PASSING THROUGH COMPARTMENT WALLS AND FLOORS.  
LOCATION OF ACCESS PIPE AND PANELS TO BE COORDINATED WITH JOINERY DETAILS ALONG WITH ON-SITE COORDINATION.  
ALL OFFSETS IN STACK TO BE 45 DEGREES WHEREVER POSSIBLE OTHERWISE ANTI-SIPHON PIPE MUST BE PROVIDED.  
ALL WORKS TO BE INSTALLED AND TESTED IN ACCORDANCE WITH APPROVED DOCUMENT PART H AND BS EN 12056.

ALL SANITARY WARE, FIXTURES, FITTINGS AND PIPEWORK SHALL BE WRAS APPROVED AND RELEVANT PRODUCT DATASHEETS MADE AVAILABLE FOR APPROVAL PRIOR TO INSTALLATION.  
NO FLEXIBLE CONNECTIONS TO BE USED FOR THE WC SOIL CONNECTION. RODDING ACCESS TO SVPS AT EACH LEVEL AT 1.2M AFFL TO PROVIDE. CONTRACTOR TO SUPPLY AND INSTALL TO ALL WC FLUSH PIPES A BRACKET OF FIXING RESTRAINT. ALSO, RUBBER CONE WASHERS TO BE USED ON ALL WC FLUSH PIPES.  
ALL STANDPIPES FOR APPLIANCES SUCH AS WASHING MACHINES AND DISHWASHERS MUST BE PROVIDED WITH A SEALED CAP TO PREVENT ODOURS ESCAPING FROM THE DRAINAGE SYSTEM.  
UNLESS OTHERWISE STATED ON THE DRAWING OR BY MANUFACTURERS, THE FOLLOWING SIZE BRANCHES ARE TO BE USED FOR SANITARY WARE:  
WC (WATER CLOSET) - 110mm  
WHB (WASHING HANDS BASIN) - 32mm  
SK (KITCHEN SINK) - 40mm  
WM (WASHING MACHINE) - 40mm  
DW (DISH WASHER) - 40mm  
SH (SHOWER) - 50mm

ALL WASTE & SOIL PIPEWORK TO BE LAID TO FALL AT MIN. 1:80 FOR SOIL PIPES & 1:100 FOR WASTE WATER PIPEWORK.  
ALL SOIL PIPEWORK TO BE VENTED, IF NOT POSSIBLE MECHANICAL CONTRACTOR TO FIT AIR ADMITTANCE VALVE TO END OF LINE & LOCATED IN A VENTED AREA. APPROVAL TO BE SOUGHT FROM EDC PRIOR TO INSTALLATION.  
ALL WHB, WC, BATH & SHOWER TO INCLUDE RODDING EYES.  
ALL WHB, WC, BATH & SHOWER WASTES ARE TO BE PIPED SEPARATELY TO MAIN STACK.  
CONTRACTOR TO ALLOW FOR RODDING EYE ACCESS FOR EVERY STACK.  
FOR CLARITY ON ALL PIPE SIZES PLEASE REFER TO SCHEMATICS

- SOIL WASTE PIPEWORK
  - OVERFLOW PIPEWORK
  - CIVILS PIPEWORK
- IV ISOLATION VALVE
  - SC STOP COCK
  - AAV AIR ADMITTANCE VALVE
  - DW DISHWASHER
  - T/A TO ABOVE
  - T/B TO BELOW
  - F/B FROM BELOW
  - F/A FROM ABOVE
  - FD FIRE DAMPER
  - HL HIGH LEVEL
  - LL LOW LEVEL
  - SVP SOIL VENT PIPE
  - BCW BOOSTER COLD WATER
  - HW-F HOT WATER SUPPLY
  - WHB WASH HAND BASIN
  - WM WASHING MACHINE
  - SH SHOWER
  - HWC HOT WATER CYLINDER
  - HIU HEATING INTERFACE UNIT
  - MEV MECHANICAL EXTRACT VENTILATION

Rev	Date	Description	Orig	App
C05	08.08.23	NOTE OVERFLOW PIPE	EMcl	CMG
C04	04.01.23	OVERFLOW PIPEWORK SHORTENED	EMcl	CMG
C03	20.12.22	SVP STACK ACCESS HATCH REMOVED	EMcl	CMG
C02	07.12.22	SITE CONNECTIONS UPDATED/GULLY ADDED	EMcl	CMG
C01	11.11.22	ISSUED FOR CONSTRUCTION	EMcl	CMG

Client  
**JOHN SISK & SON**  
Name of Job  
**UKRAINIAN MODULAR HOUSING**  
Title of Drawing  
**SOILS & WASTE WATER SYSTEM LAYOUT GROUND FLOOR**  
Drawing No:  
**URMH-EDC-00-ZZ-DR-M-0001**

Scale @ A1  
**1:20**  
Model Manager  
**EMcl**  
Project Manager  
**CMcG**

**Mechanical & Electrical Consulting Engineers**  
**EDC**  
Cork Office  
Tel: +353 (0)21 4280476, email: info@edcengineers.com  
Dublin Office  
Tel: +353 (0)1 5313663, email: info@edcengineers.com  
London Office  
Tel: +44 (0)203 0340062, email: info@edcengineers.com  
www.edcengineers.com

**NOTES:**

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IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO LIAISE WITH THE MAIN CONTRACTOR & ALL OTHER TRADES TO ENSURE THE CO-ORDINATION OF WORKS TO SUIT PROGRAM CONTRACTS & AVOID CLASHES.

ACCESS STRATEGY TO BE AGREED BY ARCHITECT. PLEASE REFER TO ELECTRICAL SERVICES RISER LAYOUT DRAWING FOR EQUIPMENT DATA AND POWER SUPPLY REQUIREMENTS.

ALL PIPEWORK IS TO BE FULLY PRESSURE TESTED AS PER SPEC. BEFORE BEING CONCEALED.

IT IS MECHANICAL CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL PIPEWORK IS ADEQUATELY PROTECTED WHILE EXPOSED.

A MINI BALL VALVE IS TO BE INSTALLED AT ALL FINAL CONNECTIONS TO WATER SERVICES APPLIANCES FOR EASE OF MAINTENANCE.

IT IS THE MECHANICAL CONTRACTORS RESPONSIBILITY TO CAP ALL PIPEWORK DURING CONSTRUCTION TO ENSURE NO DIRT OR DEBRIS BLOCKS PIPES.

ALL INCOMING BCWS PIPEWORK TO WCS ARE TO BE FITTED WITH PRESSURE REDUCING VALVES.

ALL SHOWERS AND BATH MIXERS TO BE TMV3 THERMOSTATICALLY CONTROLLED.

FINAL CONNECTIONS TO SANITARY WARE ARE AS FOLLOWS:  
 WC (WATER CLOSET) - 15mm  
 WHB (WASHING HANDS BASIN) - 15mm  
 SK (KITCHEN SINK) - 15mm  
 WM (WASHING MACHINE) - 15mm  
 DW (DISH WASHER) - 15mm  
 SH (SHOWER) - 15mm

DCV SHOULD BE PROVIDED BEFORE TMV. ALSO DCV SHALL BE PROVIDED IN EVERY APPLIANCE.

FLOW RATE SHALL NOT BE GREATER THAN DWS CALCULATION.

ALL PIPEWORK WITHIN EXTERNAL WALLS TO BE PIPE IN PIPE WITHIN COLOUR CODED CONDUIT.

STOP COCK SHALL BE PROVIDED AT THE ENTRY OF THE APARTMENT AT ACCESSIBLE LEVEL.

COMBI CYLINDER TO BE PLUMBED AS PER MANUFACTURERS INSTRUCTIONS

CIRCULATION PUMP TO BE MOUNTED ON ANTI-VIBRATION PADS. REFER TO MECHANICAL SPECIFICATION FOR DETAILS

- BOOSTED COLD WATER PIPEWORK
- HOT WATER PIPEWORK
- MAINS WATER PIPEWORK
- TC IMMERTION TIME CLOCK
- IV ISOLATION VALVE
- SC STOP COCK
- AAV AIR ADMITTANCE VALVE
- DW DISHWASHER
- T/A TO ABOVE
- T/B TO BELOW
- F/B FROM BELOW
- F/A FROM ABOVE
- FD FIRE DAMPER
- HL HIGH LEVEL
- LL LOW LEVEL
- SVP SOLI VENT PIPE
- BCW BOOSTER COLD WATER
- HWS-F HOT WATER SUPPLY
- WHB WASH HAND BASIN
- WM WASHING MACHINE
- SH SHOWER
- HWC HOT WATER CYLINDER

Rev	Date	Description	Orig	App
C05	18.07.23	THERMOBREAK INSULATION ADDED	EMcl	CMG
C04	23.01.23	STOPCOCK/ 2No. VALVES ADDED	EMcl	CMG
C03	17.01.23	DETAIL ADDED	EMcl	CMG
C02	07.12.22	NOTE ADDED	EMcl	CMG
C01	11.11.22	ISSUED FOR CONSTRUCTION	EMcl	CMG

Client: **JOHN SISK & SON**

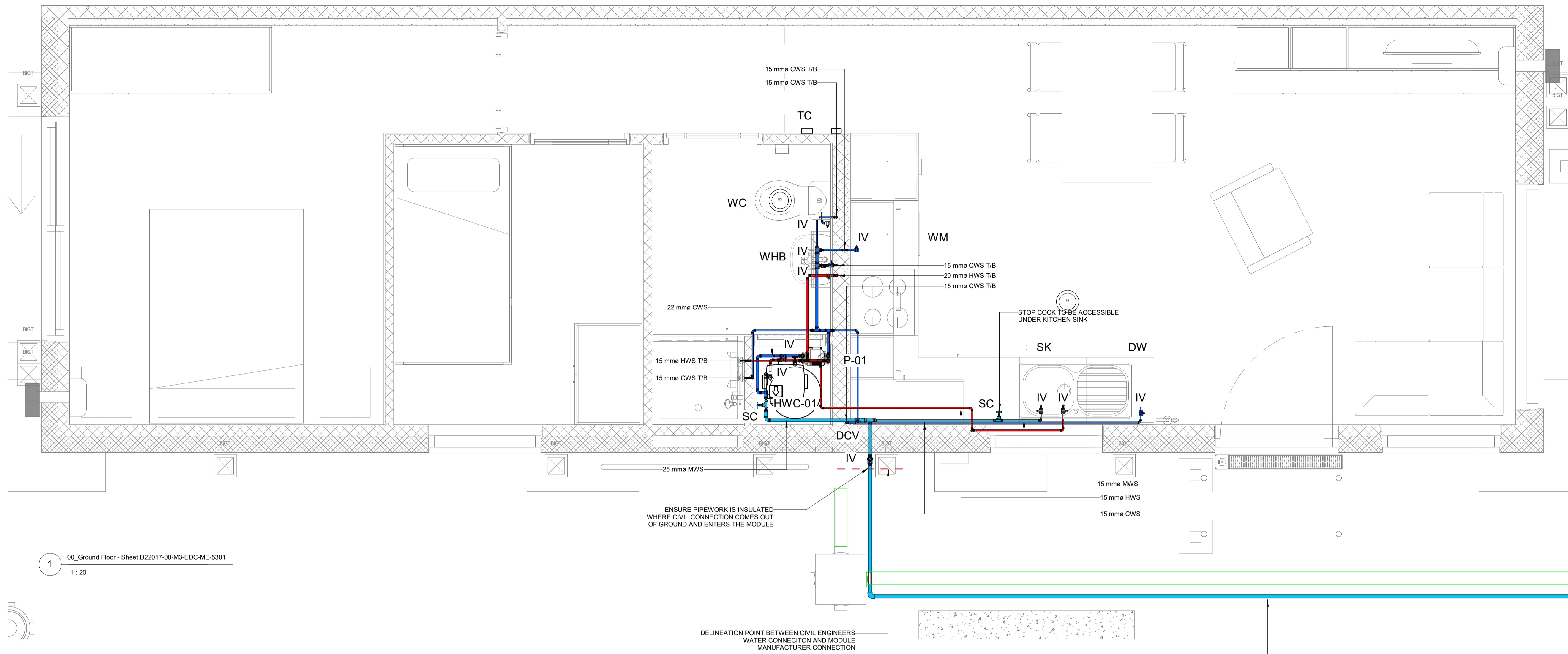
Name of Job: **UKRAINIAN MODULAR HOUSING**

Title of Drawing: **WATER SERVICES SYSTEM LAYOUT GROUND FLOOR**

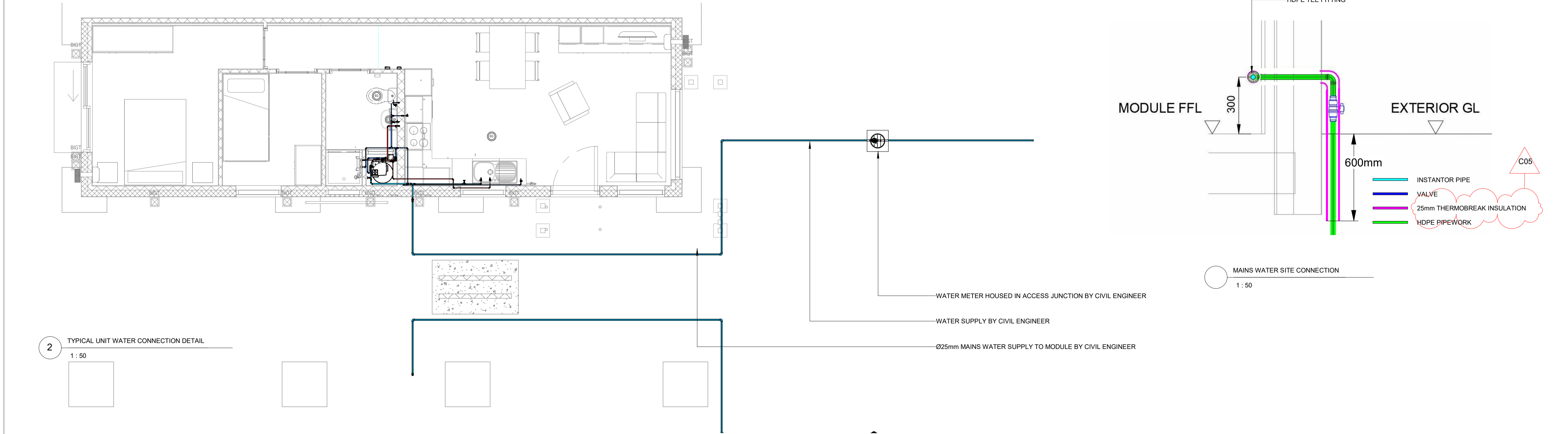
Drawing No: **URMH-EDC-00-ZZ-DR-M-0002**

Scale @ A1: **1:20** Model Manager: **EMcl** Project Manager: **CMcG**

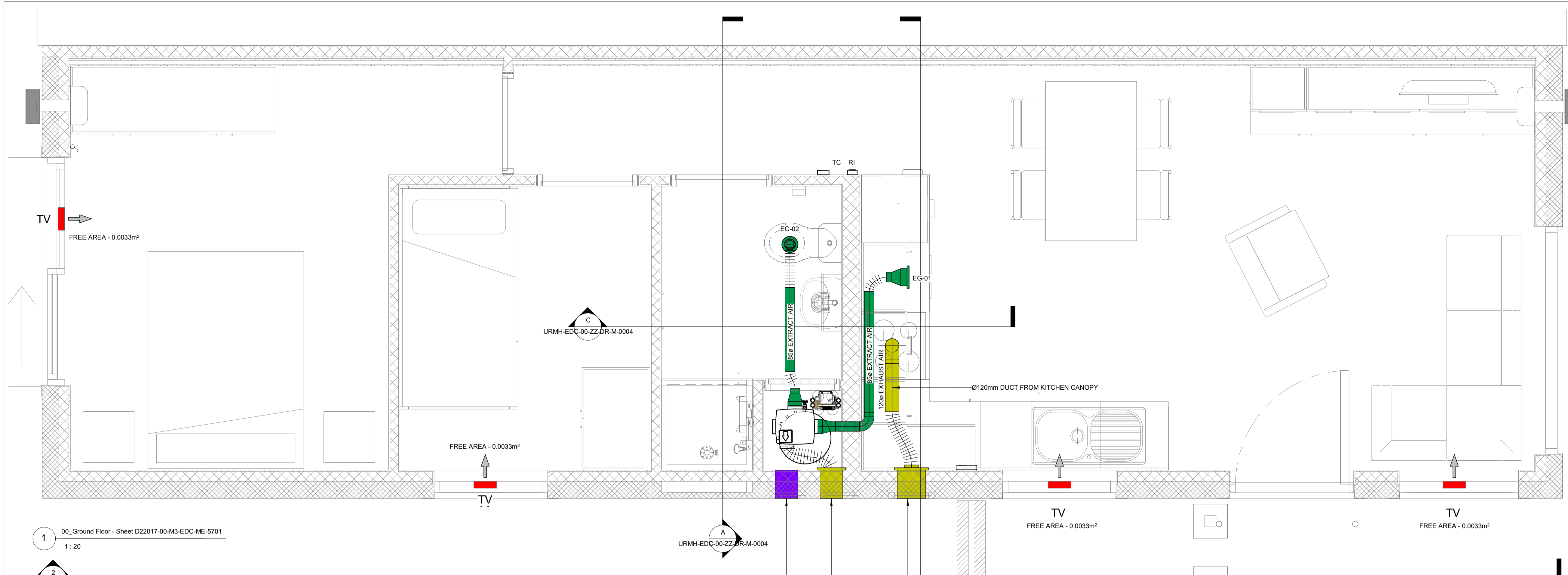
**Mechanical & Electrical Consulting Engineers**  
**EDC**  
 Cork Office: Tel: +353 (0)21 4280476, email: info@edcengineers.com  
 Dublin Office: Tel: +353 (0)1 5313663, email: info@edcengineers.com  
 London Office: Tel: +44 (0)203 0040062, email: info@edcengineers.com  
 www.edcengineers.com



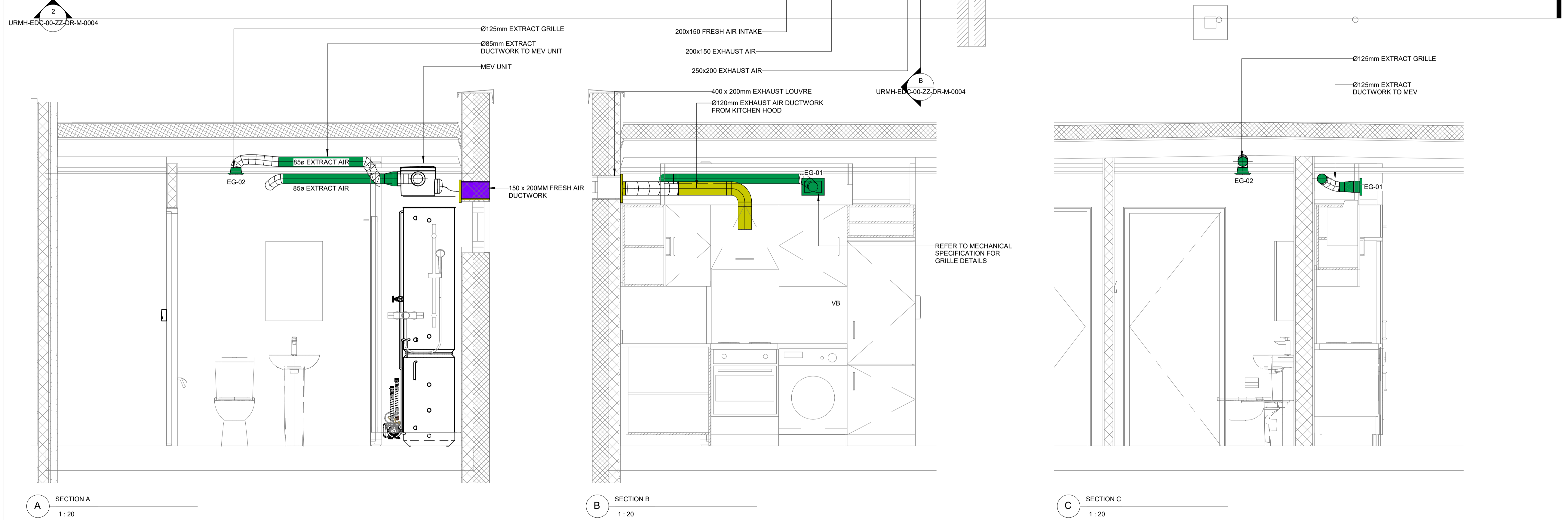
1 00\_Ground Floor - Sheet D22017-00-M3-EDC-ME-5301  
1:20



2 TYPICAL UNIT WATER CONNECTION DETAIL  
1:50



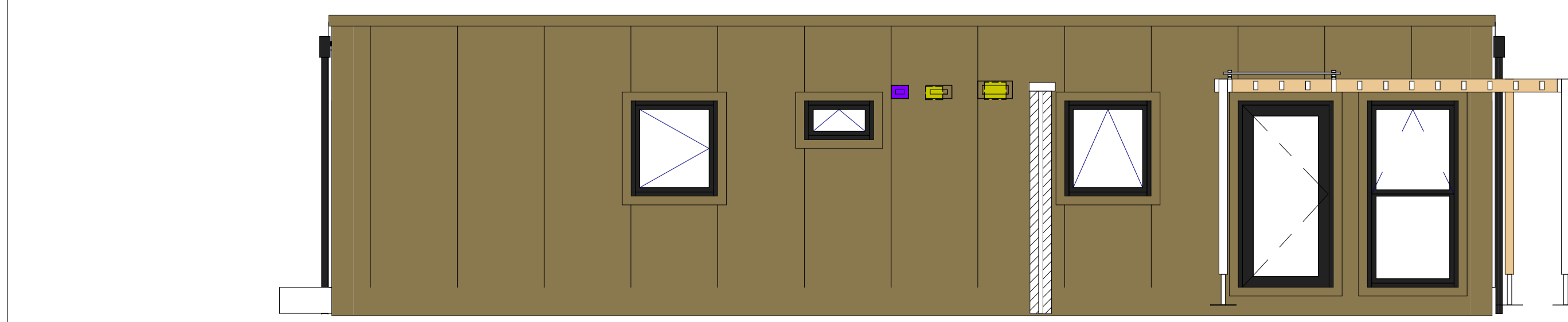
1 00\_Ground Floor - Sheet D22017-00-M3-EDC-ME-5701  
1:20



A SECTION A  
1:20

B SECTION B  
1:20

C SECTION C  
1:20



2 PROPOSED MODULE - SIDE ELEVATION  
1:50

EXTRACT	Boost	Trickle
Kitchen	14.3	13.0
Bathroom	8.8	8.0
	23.1	21.0

(Flow rates to Doc F Building Regs)

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ACCESS STRATEGY TO BE AGREED BY ARCHITECT. PLEASE REFER TO ELECTRICAL SERVICES RISER LAYOUT DRAWING FOR EQUIPMENT, DATA AND POWER SUPPLY REQUIREMENTS.

ALL DUCTWORK TO BE ROUTED IN A CONCEALED MANNER, UTILISING AVAILABLE CEILING VOIDS.

THE CONTRACTOR SHALL ALLOW ALL ANCILLARIES AND CONNECTION PIECES REQUIRED FOR A COMPLETE INSTALLATION.

ATTENUATORS OR LININGS SHALL BE PROVIDED AS NECESSARY TO MAINTAIN REQUIRED NOISE LEVELS AS PER SPECIFICATION.

MECHANICAL CONTRACTOR SHALL ALLOW FOR ALL NECESSARY DUCTWORK TRANSFORMATION PIECES TO CONNECT BETWEEN DUCTWORK AND FITTINGS.

LOUVRES AND AIR BRICKS SHALL BE INSTALLED BY THE MAIN CONTRACTOR AS PART OF THE FACADE SYSTEM.

THE CONTRACTOR IS RESPONSIBLE FOR ALL FINAL COMMISSIONING AND TESTING OF VENTILATION SYSTEM.

DUCTS CONNECTING TO/FROM FACADE FOR INTAKE/EXHAUST AIR SHALL BE INSULATED TO MANUFACTURER RECOMMENDATION.

VENTILATION TO EACH DWELLING SHALL BE MECHANICALLY VENTILATED BY ITS OWN DEDICATED WHOLE HOUSE VENTILATION UNIT.

MINIMUM DISTANCE BETWEEN FRESH AIR & EXHAUST LOUVRES TO BE MAXIMISED AS MUCH AS POSSIBLE.

EXTRACT GRILLES TO HAVE BALANCING DAMPER LOCATED IN THE CUPBOARD.

FOR CLARITY ON ALL DUCT SIZES PLEASE REFER TO SCHEMATICS.

ALL VENTILATION: DUCTWORK AND FAN LOCATIONS SHALL BE COORDINATED WITH LIGHT FITTINGS AND INSTALLED AS PER INSTALLATION GUIDES.

ALL DOORS FORMING PART OF THE VENTILATION SYSTEM SHALL BE UNDERCUT BY MAIN CONTRACTOR BY 10MM WHERE FLOOR COVERING IS KNOWN OR 20MM WHERE FLOOR COVERING IS UNKNOWN.

ALL INTERNAL DOORS TO BE UNDERCUT TO ALLOW FOR ADEQUATE MAKE-UP AIR TO WET ROOMS/UTILITY CUPBOARDS.

EXTRACT RATES FOR ALL BATHROOMS, EN-SUITES, KITCHENS & UTILITY CUPBOARDS TO BE IN COMPLIANCE WITH BR PART F, 2010.

KITCHEN-13/L  
BATHROOM-8/L  
ENSUITE-8/L  
UTILITY STORE-8/L

- DUCTING LEGEND:**
- PVC EXTRACT AIR DUCT
  - PVC FRESH AIR DUCT
  - PVC EXHAUST AIR DUCT
- VENTILATION PLANT LEGEND:**
- TRICKLE VENT
  - CEILING GRILLE EXTRACT AIR
  - VENT-AXIAL LO-CARBON SENTINEL MULTIVENT/PLUS MECHANICAL EXTRACTION VENTILATION UNIT
  - REMOTE INDICATOR
  - IMMERSION TIME CLOCK
  - SUPPLY GRILLE
  - RETURN AIR GRILLE

Rev	Date	Description	Orig	App
C03	20.12.22	FLOW RATES ADDED	EMcl	LF
C02	30.11.22	ISSUED FOR CONSTRUCTION	EMcl	LF
C01	11.11.22	ISSUED FOR CONSTRUCTION	EMcl	LF

Client: JOHN SISK & SON

Name of Job: UKRAINIAN MODULAR HOUSING

Title of Drawing: VENTILATION SYSTEM LAYOUT GROUND FLOOR

Drawing No: URMH-EDC-00-ZZ-DR-M-0004

Scale @ A1: As indicated | Model Manager: EMcl | Project Manager: CMcG

**Mechanical & Electrical Consulting Engineers**

**EDC**

Cork Office: Tel: +353 (0)21 4280476, email: info@edcengineers.com  
 Dublin Office: Tel: +353 (0)1 5313663, email: info@edcengineers.com  
 London Office: Tel: +44 (0)203 0040062, email: info@edcengineers.com  
 www.edcengineers.com