Proj Name	Housing at 19	& 20 Dr. Croke	Place Kilbrin	OUNTI CO.	Cork Co	ounty Co	uncil					
Proj Address	Kilbrin				Engine	ering Des	ign Tean	n, Housin	g Dire	ctorate,		
Proj No.	N2022014			- ALENS-	County	Hall, Co	ſk		Teler	Rialtas na	Tionscad	lal Éireann
Proj Status	Planning				tel - 35	3 086 08	49134			hEireann Government	Project In	eland
				1548	email - j	ohn.flemi	ng@corkc	oco.ie	Me.	of Ireland	204	0
Drawings												
Proj Engineer	John Fleming		Issued by -		DSD							
				Engineering	day	5						
				Design Team	month	10						
				(EDT) Mech & Elec	year	2023						
Drg Reference & Drg No.	Drawing Title			Scale	Sheet							
DR-CCC-ME-WD-205-1001	General Service	s		N/A	A3	1						
N2022014-DR-CCC-ME-PL-120	Site Services M	& E		1:250	A3	Ń						
N2022014-DR-CCC-ME-PL-200	Electrical Layou	t Ground Floor		1.50	A3	Ń						
N2022014-DR-CCC-ME-PL-201	Electrical Layou	t First Floor		1:50	A3	Ň						
N2022014-DR-CCC-ME-PL-202	Electrical Layou	t Ground Floor	14 & 15	1.50	A3	, V						
N2022014-DR-CCC-ME-PL-203	Electrical Layou	t Eirst Eloor 14	8.15	1:50	A3	1						
N2022014-DR-CCC-ME-PL-216	Lights & Fire Al	arm Ground Elo	or	1:50	A3	1				_		
	Lights & Fire Al	arm Eirst Eloor	01	1.50	A3 A2	1				_		
	Lights & Fire Al	arm Ground Elo	or 14 8, 15	1.50	A3 A2	1						
	Lights & Fire Al	arm Eirst Floor 1	14 & 15	1.50	A3 A2	- 1						
	Lights & File Al		.4 & 15	1.50	A5	1 1					<u> </u>	
	Machaeler C	vices Ground Fl	001	1:50	A3	N A						
N2022014-DR-CCC-ME-PL-242	Mechanical Ser	vices First Floor		1:50	A3	N						
N2022014-DR-CCC-ME-PL-243	Mechanical Ser	vices Ground Fl	oor 14 & 15	1:50	A3	N						
N2022014-DR-CCC-ME-PL-244	Mechanical Ser	vices First Floor	14 & 15	1:50	A3	N						
N2022014-DR-CCC-ME-PL-256	Drains & Ductin	g Services Grou	ind Floor 14 & 15	1:50	A3	N					——	
N2022014-DR-CCC-ME-PL-257	Drains & Ductin	g ServicesFirst	Floor 14 & 15	1:50	A3	N					——	
N2022014-DR-CCC-ME-PL-271	MEV Services G	round Floor		1:50	A3	N						
N2022014-DR-CCC-ME-PL-272	MEV Services Fi	rst Floor		1:50	A3	N						
N2022014-DR-CCC-ME-PL-273	MEV Services G	round Floor 14	& 15	1:50	A3	٦						
N2022014-DR-CCC-ME-PL-274	MEV Services Fi	rst Floor		1:50	A3	٦						
N2022014-DR-CCC-ME-PL-286	Attic			1:50	A3	٦						
Purpose Of Issue												
				Stage I - Sub	omission							
			Stage II -	Appointment of Con	sultants							
				Stage II - Projec	t Design							
				Stage II -Sub	omission							
				1794	A system	X						
				Stage III - Ten	der BoQ							
			Stage	e III - Submission DC	DE,C&LG							
				Stage III	- Tender							
			:	Stage IV - Working D	Drawings							
				Stage IV -	As Built							
Distribution												
Name			Company/Indi	vidual	copies							
Contractors					Print							
Quantity Surveyor					Print							
Engineer - Services					Email							
Engineer - Structural					DWG							
Consultants					CD							
Main Contractor					PDF	x						
Planning Department			Y		Print	~				_		
Department of Housing Department	nity and Local Ca	vornmont	^		Empil							
Circulate data the Device Terrorist	inty and Local Go	vernment			ciliali						<u> </u>	
Circulated to the Design Team Via Alfresco)				Email							







EIR

Where a New house is being built an ETU must be inserted in the external wall at a nce with the building regulations shown in Fig 3 below



1.2 How a New Gas Meter is Installed GAS

a top tee connection is made to the main in the path or road as A GNI approved contractor will lay and test the gas connection pipe/ service pipe in the pre-excavated trench provided by the builder and pressure) size polyethylene connection pipe is used. pressure) size polyethylene connection pipe and 25mm (medium possibility of external damage on site. Normally 32mm (low be reinstated as soon as practicable in order to reduce the appropriate. The gas connection pipe shall have sand surround and

connection pipeline must be laid in a straight line to the meter location, using the shortest most direct route and where possible at right angles to the gas main. An illustration of this is shown in figure 1. connecting a building to the natural gas network. The natural gas A gas connection pipeline is laid by Gas Networks Ireland

Marker tape should be placed over all gas mains, gas connections and ducting intended for gas distribution pipes.

GAS

GAS



GAS





Note: • Polyethylene mains and services may not be positioned within the Building Line (as defined by I.S. 329 / I.S. 265). For more detailed information always refer to the Gas Networks Ireland Distribution drawings specific to the project.



Figure 7 Diagram of possible Meter s jor a don Suc property



An manada in and and an an manada in anada ding an gunamente and genzien	somm Compacted	Cade my or exit and the forces of the fact, with the SENY cades to be reformed to the region of the fact of t
Rev. No. Revision Description Date Project Stage: Tender Tender Project Stage: Housing Developement General Services/Utilities Date Drawing Title: General Services/Utilities Date Drawing Title: General Services/Utilities Comhairle Contae Chorcaí Attri I Stiurnhöreacht Tithiochta County Hall, Cork Tel; (021) 4285433 More ference: County Hall, Cork Tel; (021) 428543 Justice Top Tel; (021) 428543 Die Rotect NUTIBES Design Team: Architects housing@corkcoco.ie Die CCC-ME-WD-205_1001 Tender: Justices Die Cock-ME-WD-205_1001 States: States: Date State States: States: Feb. 21 150 Tender Attrices:	750mm minimum cover required beneath roads 600mm minimum Cover required beneath footpaths and landscape areas to DOE spec. Cause 804 250mm 155mm for tentame Clause 804 250mm Clause 804 250mm Clause 804 250mm Clause south Clause and advect	 THIS DRAWING US COPYRIGHT. THE CONTRACTOR IS TO CHECK ALL DUMENSIONS ON STE. FOR ANY DISCREPANCES FOUND. CONSULT WITH DESIGN OFFICE. THE DRAWING IS TO BE READ IN COMJUNCTION WITH ALL SPECIFICATION DOCUMENTS.



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-1		
EP electricity pole EB electricity box EC electricity cover FH fire hydrant		
GT gully IC inspection cover KT kirb top	1 119-	MP Minipillar
MHC manhole cover	H · H	MMP Micropillar
stc stop cock SV sluice valve		125mm ESB supply duct
TC telecom cover	_	50mm ESB service duct
WT wall top		110mm EIR service duct
		EIR JB4 inspection chamber
		Public lighting service duct
	8.	Public light
	O	ESB pole
	ESB POLE	
		JB 26 Chamber

Existing block wall to be retained

Existing scrub to be removed off site

	-		
-			
Rev. No.	Revis	ion Description	Date
Project S	tage:	Planning	
		No.19 & 20 Dr. Croke Pla	ce, Kilbrin.
Drawing	Title:	ESB - Er Site Services	
Drawing	Title:	ESB - Er Site Services	
Drawing	Title:	ESB - Er Site Services Conhairle Conta Aittiri Stiúrthóireacht Tithic	e Chorcaí
Drawing	Title:	ESB - Er Site Services Conhairle Conta Aittiri Stiúrthóireacht Tithia Cork County Co Architets Housing Direct	e Chorcaí ^{schta} uncil
Drawing	Title:	ESB - Er Site Services Conhairle Conta Aittir Stiúrthóireacht Tithia Cork County Co Architects Housing Direct County Hall, Cork	e Chorcaí ^{achta} uncil rrate
Drawing	Title:	ESB - Er Site Services Conhairle Conta Aittri Stiúrthóireacht Tithic Cork County Co Architects Housing Direct County Hall, Cork Tel: (021) 4285433 e-mail: architects.housing@co	le Chorcaí uncil kcoco.ie
Drawing	Title:	ESB - Er Site Services Conhairle Conta Aittiri Stiúrthóireacht Tithia Cork County Co Architects Housing Direct County Hall, Cork Tel: (021) 4285433 e-mail: architects.housing@co	e Chorcaí uncil rrate kcoco.ie ign Team: itet JC
Drawing	Title:	ESB - Er Site Services Conhairle Conta Alttri Stiúrthóireacht Tithic Cork County Co Architects Housing Directs County Hall, Cork Tel: (021) 4285433 e-mail: architects.housing@co	e Chorcaí schta uncil rrate kcoco.ie ign Team: itect JC inicán: TOF RB Archilect R. Henro



ĘΡ



- Single Switched Socket 400mm FFL
- S/S HL Single Switched Socket High Level,
- Single Switched Socket 400mm FFL, Under Counter
- Double Switched Socket 400mm FFL
- Double Switched Socket 1200mm FFL
- Double Switched Socket Under Counter 400mm FFL
- S.F.D Switched Fused Disconnection (Spur)
- Switched Fused Disconnection (Spur) 16A
- Switched Fused Disconnection (Spur)
- Dish Washer 20A
- F.D. Fused Disconnection (Spur) Booster Pump
- Isolator Heat Pump EXT
- FLSH 45A Fused Disconnection (Spur) 45A Shower
- Switched Disconnection (Spur) 45A, Cooker
- D & PH Data & Telephone TV_JB
- TV Junction Box A.T.B
- Access Terminating Box рдт в
- Data & Telephone Box ONT
- Fibre Terminal Box
- Data Patch Panel
- Data Point ETU
- External Terminating Unit HCP A
- Heating control unit R.T.S
- Room temperature stat
- PH Telephone
- ΤY TV socket <u>Q</u>
- Motorised Valve
- 16 14 Switch 1 Gang 1 Way
- 16 C² Switch 1 Gang 2 Way
- Switch 2 Gang 1 Way
- odd 1 Switch 3 Gang 1 Way
- Door Bell Push Button
- Door Bell Chime
- Shaver Light
- Smoke Head
- Heat Detector
- Carbon monoxide detector
- FA_CS Fire Alarm Control Switch
- ME_CS Mechanical Extraction Control Switch
- S External Temperature Sensor
- Ceiling Rose
- LED Bulk Fitting Head External
- LED Bulk Fitting Head Internal
- M.D.B Main Distribution/Consumer Unit
- ESB Meter Cabinet
- EIR EIR Incoming
- E.V Electric Vehicle Charging Point, Isolator & Charger complete with DCL Protection



Provision for EV charging Install cable from the consumer unit to the 32A Isolator & provide a 32A Double oole protection device in the consumer unit

The electrical equipment used in this install shall comply with the European product standard(s) which includes I.S. EN, HD or an I.S. implementing HD, in absence of these standards the following appropriate standard(s) shall apply: Irish Standards (I.S), or IEC standards not approved in CENELEC; or national standard(s) of another country.

Distribution boards/consumer unit manufactured from materials complying EN 61439, erected at a height not greater than 2.15m to the top of the highest protective device to include 2 pole isolation switch, over current protection. surge protection, arc fault detection.

Where there are no applicable standards, the item concerned shall be selected by special agreement between the persons specifying the installation and the installer. The resulting degree of safety ot the installation shall not be less than obtained by compliance with I.S. 10101 (2020).

D HP EXT





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ution board for 19 & 20 Kilbrin 16kva

		Ar	c Fault d	etection	devices	to be us	ed						
	Prote	ection	63A	RCD	20A MCB Kitchen	20A MCB Kitchen	20A MCB Utility	20A MCB Living	20A MCB Hall,	20A MCB Bedroo	20A MCB Bedroo	32A RCD/RC BO	
					Sockets	Sockets	Sockets	Room Sockets	Landin Store Sockets	m Sockets	m Sockets	Provision EV Charging	
t	20A RCBO Indoor HP	20A RCBO Booster Pump	20A RCBO Fridge	10A RCBO Heat CTRL	10A RCBO Kitchen Dining Room Utility External Lights	10A RCBO Bed Room Store Lights	10A RCBO Bed Room Bath room Lights	10A RCBO Landing Hall Exterior Lights	6A RCBO Fire Alarm Intruder D Bell	6A RCBO MEV			

<u> </u>							
Rev. No.	Revision	Description		Date			
Project S	Project Stage: Planning						
Project T	Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin.						
Drawing	^{Title:} Ele	ectrical Layout Gro	ound Fl	oor			
C	e-m	Comhairle Co iltiri Stiùrthóiread Cork County rchitects Housing County Hall, Tel: (021) 4288 ail: architects.housing	ontae Cour Director Cork 5433 g@corkc	e Chorcαí _{chta} ncil ate			
Job Refer N2022	rence: 014		Desigr Architec	n Team: t: JC ian: TOF			
Dwg. No.: DR-CC	C-ME-PL-2	200	Surveyo Enginee Snr. Arc	r: BB r: JF shitect: R. Henry			
Date: Oct.2023	Scale: 1:50	Issue for: Planning	Sheet: A3	Rebuilding Ireland			

- Single Switched Socket 400mm FFL
- S/S HL Single Switched Socket High Level,
- Single Switched Socket 400mm FFL, Under Counter
- Double Switched Socket 400mm FFL
- Double Switched Socket 1200mm FFL
- Double Switched Socket Under Counter 400mm FFL
- S.F.D Switched Fused Disconnection (Spur)
- Switched Fused Disconnection (Spur) 16A
- Switched Fused Disconnection (Spur) Dish Washer 20A
- F.D. Fused Disconnection (Spur) Booster Pump
- Isolator Heat Pump EXT
- FLSH 45A Fused Disconnection (Spur) 45A Shower
- Store A Bisconnection (open) 45A chower
- Data & Telephone
- TV_JB TV Junction Box
- A.T.B Access Terminating Box
- рдт в Data & Telephone Box
- ONT Fibre Terminal Box
- Data Patch Panel
- ----- Data Point
- ETU External Terminating Unit
- HCP Heating control unit
- R.T.S Room temperature stat
- PH Telephone
- ΤY TV socket
- Q Motorised Valve
- d16 Switch 1 Gang 1 Way
- 0¹⁶ Switch 1 Gang 2 Way
- Switch 2 Gang 1 Way
- odd 1 Switch 3 Gang 1 Way
- Door Bell Push Button
- Door Bell Chime
- Shaver Light
- Smoke Head
- Heat Detector
- Carbon monoxide detector
- FA_CS Fire Alarm Control Switch
- ME_CS Mechanical Extraction Control Switch
- S External Temperature Sensor
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- LED Bulk Fitting Head External
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- M.D.B Main Distribution/Consumer Unit
- ESB Meter Cabinet
- EIR EIR Incoming
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Distribution boards/consumer unit manufactured from materials complying EN 61439, erected at a height not greater than 2.15m to the top of the highest protective device, to include 2 pole isolation switch, over current protection, surge protection, arc fault detection.

SILS SHVE 3A Bathroom R.T.S θ ۲ ۲ Bedroom-1 Landing D & PH SLE F.D ST Second Electrical Isolator/switch to be suitably located for booster pump switch off Accessible from the landing 1.9m Above FL Bedroom-2 No, 20 SE E_ D & PH No, 20 S E Store

Junction box for satellite dish & coaxial cabling at the eves,

ocation to be decided on site

Main Is Switch 32A MCB oke

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		Pri	nosed l	avout co	nsumor/	distributi	on hoard	for 10	8 20 Kilb	rin 16kv	conne	rtion		
		1.0	A re	- Foult d	otootion	dovices	to be up	ad .	201110			Juon		
S	olating	Su	rge	63A	RCD	20A	20A	20A	20A	20A	20A	20A	32A	
l	2 Pole	Prote	ection			MCB	MCB	MCB	MCB	MCB	MCB	MCB	RCD/RC	
						Kitchen	Kitchen	Utility	Living	Hall,	Bedroo	Bedroo	BO	
						Sockets	Sockets	Sockets	Room	Landin	m	m	Provision	
									Sockets	Store	Sockets	Sockets	EV	
										Sockets			Charging	
I														
I	32A	20A	20A	20A	10A	10A	10A	10A	10A	6A	6A			
I	KCRO	KCRO	KCRO	KCRO	KCRO	KCRO	KCRO	KCRO	KCRO	KCRO	KCRO			
I	HP Out	Indoor	Booster	Fridge	Heat	Kitchen	Bed	Bed	Landing	Fire	MEV			
I	Door	HP	Pump		CTRL	Dining	Room	Room	Hall	Alarm				
I						Room	Store	Bath	Exterior	Intruder				
I						Utility	Lights	room	Lights	D Bell				
I						External	-	Lights	-					
1						Lights		-						
						Ŭ								

Rev. No.	Revision	Description		Date			
Project S	Project Stage: Planning						
Project T	^{iitle:} Ho 19	using Developem & 20 Dr. Croke P	ent lace, Kilbrin.				
Drawing	^{Title:} Ele	ectrical Layout Fire	st Floor				
C	e-m	Comhairle C iltirí Stiúrthóiread Cork County rchitects Housing County Hall, Tel: (021) 428: ail: architects.housin	ontae Cho ht Tithiochta Council Directorate Cork 5433 g@corkcoco.ie	rcaí			
Job Refer N2022 Dwg. No.:	rence: 014		Design Team: Architect: JC Technician: TC Survevor: PC)F			
DR-CC	C-ME-PL-2	201	Engineer: JF Snr. Architect: R. H	enry			
Date:	Scale:	Issue for:	Sheet: 📀 🖪	ebuilding			
Oct.2023	1:50	Planning	A3	reland			
Copyright • Archite	alo - Housing Direct	ardia, Carle County Council.		2.8_A3_Landscape Sheet			









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Rev. No.	Rev. No. Revision Description Date								
Project S	Project Stage: Planning								
Project T	^{itle:} Ho 19	using Developem & 20 Dr. Croke P	ent lace, Kilbrin.						
Drawing	^{Title:} Ele	ectrical Layout Fire	st Floor 19 & 20	D					
	e-m	Comhairle C iltirí Stiúrthóiread Cork County County Hall, Tel: (021) 428: ail: architects.housin	ontae Cho ht Tithiochta Council Directorate Cork 5433 g@corkcoco.ie	orcaí					
Job Refer N2022	ence: 014		Design Team: Architect: JC Technician: TC	;)F					
Dwg. No.: DR-CCC	C-ME-PL-2	203	Surveyor: RE Engineer: JF Snr. Architect: R. H	enry					
Date: Oct.2023	Scale: 1:50	Issue for: Planning	A3	lebuilding reland					

<u>چر</u>	Single Switched Socket 400mm FFL		
s/s ні Д	^{н∟} Single Switched Socket High Level, Extractor Fan		
s/s	Single Switched Socket 400mm FFL, Under Counter		
stb. 소산	Double Switched Socket 400mm FFL		
dig dig dig dig dig dig dig dig dig dig	Double Switched Socket 1200mm FFL		
Tss کلاک	Double Switched Socket Under Counter 400mm FFL	RI	VP+G
S.F.D	Switched Fused Disconnection (Spur)		
S.F.D B.P.16A	Switched Fused Disconnection (Spur) 16A		
S.F.D D.W.20A	⁵ Switched Fused Disconnection (Spur) Dish Washer 20A		
F.D	Fused Disconnection (Spur) Booster Pump		
D HP EXT	Isolator Heat Pump EXT		
F.D. SH 45A	[^] Fused Disconnection (Spur) 45A Shower		
S.S.D C.K.B 45A	Switched Disconnection (Spur) 45A, Cooker		
A	Data & Telephone		
⊡	TV Junction Box	(ØØ
A.T.B	Access Terminating Box		
D/Т В	Data & Telephone Box		
	Fibre Terminal Box		
TAL	Data Patch Panel		
	Data Point		
нср	External Terminating Unit		
A.J.S	Heating control unit	(
рн РН	Room temperature stat		
τv	Telephone		
 ₪	TV socket		
- 1 6	Motorised Valve		
01 16	Switch 1 Gang 1 Way		
0- 2.	Switch 1 Gang 2 Way		
00. ಸ್ನೆನ್ನ	Switch 2 Gang 1 Way		
DB.PB	Switch 3 Gang 1 Way		
BC	Door Bell Push Button		
SIME SA	Shaver Light		
e	Smoke Head		
õ			
FA CS	Eiro Alerm Central Switch		
ME CS	And Analian Control Switch		
ß			
			r4 🛛
		*	
EX LED	LED Bulk Fitting Head Internal		00
M.D.B	Main Distribution/Consumer Unit	l	4
E.S.8 M.C	ESB Meter Cabinet		
EIR	EIR Incoming		
E.V	Electric Vehicle Charging Point, Isolator &		EV
	Charger complete with DCL Protection		C.V
	Legend, Intruder Alarm		

Sounder

Strobe Sounder

Door/Window Contact

I.A.P Intruder Alarm Panel



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Rev. No. Revision Description Date							
^{tage:} Pla	Inning						
^{itle:} Ho 19	using Developeme & 20 Dr. Croke Pl	ent ace, Kilbrin.					
^{Title:} Lig	ht Circuits, Fire A	arm Ground F	oor				
Comhairle Contae Chorcaí Aitirí Stiúrthóireacht Tithíochta Cork County Council Architects Housing Directorate County Hall, Cork Tel: (2014/285433							
e-m	rchitects Housing I County Hall, (Tel: (021) 4285 ail: architects.housing	Directorate Cork 6433 g@corkcoco.ie					
e-m ence: 014	rchitects Housing I County Hall, (Tel: (021) 4285 ail: architects.housing	Directorate Cork 433 @corkcoco.ie Design Team: Architect: JC Technician: TC	IE				
e-m ence: 014 C-ME-PL-2	rchitects Housing I County Hall, Tel: (021) 4285 ail: architects.housing	Directorate Cork 433 @corkcoco.ie Design Team: Architect: JC Technician: TC Surveyor: RE Engineer: JF Snr. Architect: R. H	IF ; any				
e-m ence: 014 C-ME-PL-2 Scale:	rchitects Housing I County Hall, Tel: (021) 4285 ail: architects.housing 216 Issue for:	Directorate Cork 433 @Corkcoco.ie Design Team: Architect: JCC Technician: TC Surveyor: RE Engineer: J Surveyor: RE Engineer: J Surveyor: RE Engineer: J Surveyor: RE Engineer: J	۱۴ ۱۳				
	Revision tage: Pla itle: Ho 19 Title: Lig	Revision Description tage: Planning Housing Developem 19 & 20 Dr. Croke Pl Title: Light Circuits, Fire Al Comhairle Cd Altiri Stürthöiread Cork County	Revision Description tage: Planning tile: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin. Title: Light Circuits, Fire Alarm Ground Fl Comhairle Contae Cho Altiri Stürthöireacht Tithiochta Cork County Council				

- Single Switched Socket 400mm FFL
- S/S HL Single Switched Socket High Level, Extractor Fan
- Single Switched Socket 400mm FFL, Under Counter
- Double Switched Socket 400mm FFL
- Double Switched Socket 1200mm FFL
- Double Switched Socket Under Counter 400mm FFL
- SFD Switched Fused Disconnection (Spur)
- Switched Fused Disconnection (Spur) Dish Washer 20A
- F.D. Fused Disconnection (Spur) Booster Pump
- Isolator Heat Pump EXT
- FLD_SH 45A Fused Disconnection (Spur) 45A Shower
- SSD CKR 45A Switched Disconnection (Spur) 45A, Cooker
- Data & Telephone
- т⊻јв TV Junction Box A.T.B
- Access Terminating Box D/Т В
- Data & Telephone Box
- Fibre Terminal Box
- Data Patch Panel
- $\rightarrow \Box$ Data Point ETU
- External Terminating Unit
- Heating control unit
- R.I.S Room temperature stat
- Telephone
- Ϋ́ TV socket <u>S</u>
- Motorised Valve
- Switch 1 Gang 1 Way
- Switch 1 Gang 2 Way
- Switch 2 Gang 1 Way
- ້ວັວວ່1 Switch 3 Gang 1 Way
- DB.PB Door Bell Push Button
- Door Bell Chime
- Shaver Light
- D Smoke Head
- Heat Detector
- Carbon monoxide detector
- FA_CS Fire Alarm Control Switch
- ME_CS Mechanical Extraction Control Switch
- S External Temperature Sensor Ceiling Rose 8
- LED Bulk Fitting Head External
- LED Bulk Fitting Head Internal
- M.D.B Main Distribution/Consumer Unit ESB Meter Cabinet
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Legend, Intruder Alarm

Sounder

- Strobe Sounder
- Door/Window Contact I.A.P Intruder Alarm Panel



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Rev. No.	Revision	Description			Date	
Project S	^{itage:} Pla	Inning				
Project T	^{itle:} Ho 19	using Develope & 20 Dr. Croke	ment Place, K	ilbrin.		
Drawing	^{Title:} Lig	ht Circuits, Fire	Alarm, F	First Floo	r	
Comhairle Contae Chorcaí Altirí I Stúrthúreacht Tithíochta Cork County Council Architects Housing Directorate County Hall, Cork Tei: (021) 4285433 e-mail: architects.housing@corkcoco.ie						
Job Refer N2020	rence: 014		Desig Archite Techni	Design Team: Architect: JC Technician: TOF		
Dwg. No.: DR-CCC-ME-PL-217			Engine Snr. A	or: RE er: JF <u>chitect: R. He</u>	enry	
Date: Oct.2023	Scale: 1:50	Issue for: Planning	Sheet: A3		ebuilding	
Copyright - Anabilia	do - Housing Direct	arthe, Cast: County Council.			2.8_A3_Landscape Sheet	

- Single Switched Socket 400mm FFL
- Single Switched Socket 400mm FFL, Under Counter
- Double Switched Socket 400mm FFL Double Switched Socket 1200mm FFL
- Double Switched Socket Under Counter
- 400mm FFL
- Switched Fused Disconnection (Spur)
- Switched Fused Disconnection (Spur) 16A Switched Fused Disconnection (Spur) Dish Washer 20A
- F.D Fused Disconnection (Spur) Booster Pump
- Isolator Heat Pump EXT
- Fused Disconnection (Spur) 45A Shower S.S.D C.K.B 45/ Switched Disconnection (Spur) 45A, Cooker
- Data & Telephone
- Т⊻јВ TV Junction Box
- A.T.B Access Terminating Box
- Data & Telephone Box
- Fibre Terminal Box
- Data Patch Panel
- ──< Data Point
- ETU External Terminating Unit
- Å Heating control unit
- R.I. Room temperature stat
- PH Telephone
- TV TV socket
- Ø Motorised Valve
- 0¹⁶ Switch 1 Gang 1 Way
- 0¹⁶ Switch 1 Gang 2 Way
- Switch 2 Gang 1 Way
- ්ර්රට් Switch 3 Gang 1 Way
- Door Bell Push Button
- Door Bell Chime
- Shaver Light
- Smoke Head
- Heat Detector
- O Carbon monoxide detector
- FA_CS Fire Alarm Control Switch
- ME_CS Mechanical Extraction Control Switch
- External Temperature Sensor
- Ceiling Rose
- LED Bulk Fitting Head External
- LED Bulk Fitting Head Internal

M.D.B Main Distribution/Consumer Unit

ESB Meter Cabinet

EIR Incoming

E.V Electric Vehicle Charging Point, Isolator & Charger complete with DCL Protection

Legend, Intruder Alarm

Sounder Strobe Sounder Door/Window Contact





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- 5. THE DRAWING IS TO BE READ IN CONJUNCTION WITH ALL SPECIFICATION DOCUMENTS.

The drawings detail the functional requirements and arrangements of the services

Feb 23	NI/A	Planning	A.3	International Action of the In		
Date:	Scale:	Issue for:	Sheet:	Rebuilding		
Dwg. No.: DR-CCC-ME-PL-218			Surveyo Engineer Snr. Arc	r: RB r: JF hitect: R. Henry		
Job Refer N2022	rence: 014		Design Architec Technici	Design Team: Architect: JC Technician: TOF		
Comhairle Contae Chorcaí Aitri Stúrthóireacht Tithiochta Cork County Council Architects Housing Directorate County Hall, Cork Tei: (021) 4285433 e-mail: architects.housing@corkcoco.ie						
Drawing	^{Title:} Lig	hting, Fire Alarm	Ground	Floor 19 & 20		
Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin.						
Project S	itage: Pla	Inning				
Rev. No.	Revision	Description		Date		

- Single Switched Socket 400mm FFL
- S/S HL Single Switched Socket High Level, Extractor Fan
- Single Switched Socket 400mm FFL, Under Counter
- Double Switched Socket 400mm FFL
- Double Switched Socket Under Counter 400mm FFL
- S.F.D Switched Fused Disconnection (Spur)
- Switched Fused Disconnection (Spur) 16A
- Switched Fused Disconnection (Spur) Dish Washer 20A
- Fused Disconnection (Spur) Booster Pump
- Isolator Heat Pump EXT
- FD SH 45A Fused Disconnection (Spur) 45A Shower
- Set et al a biochilicetori (par) 45 constant Set et al a biochilicetori (Spur) 45A, Cooker Data & Telephone
- Data & Telephone
- TV JB TV Junction Box
- A.T.B Access Terminating Box D/∏ В
- Data & Telephone Box
- Fibre Terminal Box Data Patch Panel

- External Terminating Unit
- Å Heating control unit
- R.T.S Room temperature stat
- PH Telephone
- ĭ∡ Ø TV socket
- Motorised Valve
- Switch 1 Gang 1 Way
- Switch 1 Gang 2 Way
- Switch 2 Gang 1 Way
- ້ວັວວ່າ Switch 3 Gang 1 Way
- Door Bell Push Button
- Door Bell Chime
- Shaver Light
- Smoke Head
- Heat Detector
- O Carbon monoxide detector
- FA_CS Fire Alarm Control Switch
- ME_CS Mechanical Extraction Control Switch
- External Temperature Sensor
- Ceiling Rose
- LED Bulk Fitting Head External
- LED Bulk Fitting Head Internal
- M.D.B Main Distribution/Consumer Unit
- ESB Meter Cabinet
- EIR EIR Incoming
- E.V Electric Vehicle Charging Point, Isolator & Charger complete with DCL Protection

Legend, Intruder Alarm

Sounder

- Strobe Sounder
- Door/Window Contact
- I.A.P Intruder Alarm Panel



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- c. ring unwring must not be Scaled.
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 ALL SPECIFICATION DOCUMENTS.

Rev. No.	Revision	Description			Date
Project S	^{tage:} Pla	Inning			
Project T	^{tle:} Ho 19	using Developen & 20 Dr. Croke F	ient Iace, K	ülbrin.	
Drawing	^{Title:} Lig	hting, Fire Alarm	, First F	loor 19 a	& 20
Comhairle Contae Chorcaí Altiri Stúrthúreacht Tithíochta Cork County Council Architects Housing Directorate County Hall, Cork Tei: (021) 4285433 e-mail: architects.housing@corkcoco.ie					
Job Reference: N2022014 Dwg. No.:			Desig Archite Techni Survey Engine	Design Team: Architect: JC Technician: TOF Surveyor: RB Enzioocc: NE	
Date:	Scale:	Issue for:	Snr. Ar Sheet:	chitect: R. He	enry
Feb. 23	N/A	Planning	A3		ebuilding



873 22 400 600 22 400 450 Landing 21.5 162 545 Heat Pump Bathroom 19.5 234 873 22 500 600 Split/Mono Bedroom 2 358 1235 22 700 600 21.5 kW 4.3 413 1235 22 700 600 Bedroom 1 21.5 Storeroom 21.5 118 387 11 400 300

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- . THE DRAWING IS TO BE READ IN CONJUNCTION WITH ALL SPECIFICATION DOCUMENTS.

Heat loss and emitters have been sized to S.R. 50-1 2021NSAI Building Services -Codes of Practice - Part 1 Water Based Heating Systems in Dwellings and Heat loss calculation and radiator sizing for heat pump systems (SEAI)

The flow temperature of heat pump is calculated at around 45°C with a return temperature of 40°C, the heat emitters detailed in the drawing have been sized using a conversion factor and a typical emitter manufacturer with a ΔT of 50°C, the contractor should obtain conversion factors for low temperature emitters from the supplier/manufacturer and agree with the engineer. Higher out put emitters (increased fins and surface area) influence the final size selection.

Notes

- 1. Final locations to be agreed on site
- 2. Drawing to be read in conjunction with other relevant service drawings and specifications
- 3. Soil and vent pipe-work below ground level shall be the remit of the main contractor
- 4. Mechanical contractor shall be responsible for all connections to sanitary ware

and fitting of same

- All exposed wastes, traps and supports within the toilet area must be metal manufacture and chrome plated
- Access/inspection covers at the
- base of stacks above floor level.

Rev. No.	Revision	Description		Date	
Project S	^{Stage:} Pla	Inning			
Project T	^{itle:} Ho 19	using Developeme & 20 Dr. Croke Pl	ent ace, Kilbrin.		
Drawing	^{Title:} Me	chanical Layout G	around Floor		
Comhairle Contae Chorcaí Altirí Stúrthóireacht Tithiochta Cork County Council Architects Housing Directorate County Hall, Cork Tei: (021) 4285433 e-mail: architects.housing@corkcoco.ie					
Job Refe N2022	rence: 014		Design Team: Architect: JC		
Dwg. No.: DR-CCC-ME-PL-241			Surveyor: RE Engineer: JF Snr. Architect: R. He	nry	
Date: Oct.2023	Scale: 1:50	Issue for: Planning	A3	ebuilding	
Cupyright - Anabilu	ala - Hausing Direct	arate, Carlt County Council.		2.8_A3_Landscape Sheet	



Vater Supply Incoming Potable Water Potable Water Stored Water Cistern & Booster Pump Ø Motorised Valve Cold Water Stored Potable Water Hot Water Waste U Bend 40mm, Dish Washer Connection Waste U Bend 40mm, Dish Washer Connection Waste U Bend 32mm З2ММ Waste U Bend 40mm Ũ *



Ventilation heat Loss calculations based on S.R. 50-1 2021 NSAI building services - codes of practice - part 1 water based heating systems in dwellings Building fabric heat Loss calculations based on S.R. 50-1 2021 NSAI, building services - codes of practice part 1 water based heating systems in dwellings Heat emitters based on Low flow & return temperature annex H, S.R. 50-1 2021 NSAI building services - codes of practice part 1 water based heating systems

Ventilation to; Buildings Regulations 2019 Technical Guidance Document F Ventilation

Calculated general ventilation rate based on occupancy of the dwelling [TGD F – 1.2.2.2]: @ 5 l/s plus 4 l/s person = 5 + (4*4) = 21

Calculated general ventilation rate based on internal floor area of the dwelling [TGD F – 1.2.2.2]: 83 m2 at 0.3 l/s/m2 (0.3 x 81) = 24.3 l/s

Continuous extract ventilation rate of the dwelling is: 24.3 l/s Overall minimum boost extract ventilation rate requirement [TGD F - Table 1]: = Kitchen + Utility + Toilet + Bathroom I/s = 37l/s

25% capacity requirement over general ventilation rate of the dwelling [TGD F - 1.2.2.3]: = 30.375l/s Total capacity of the system I/s = 37I/s

Room with MEV extract grid (s) Room general extract airflow rate (I/s) adjusted proportionally Kitchen = 8.5 l/s Utility = 5.3l/s Toilet = 5.3l/s Bathroom = 5.3l/s

A humidity sensitive air inlet and demand controlled extraction system to be installed

Total Ventilation 49,700mm2

Heat Emitter Selection							Heat Emitter Selection					
Heat Emitters Based on Low Flow & Return Temperature Annex H, S.R. 50-1 2021 NSAI Building Services - Codes of	Delta T Heat Emitters	Heat Loss Rooms Watts	Emitters Based on Low Delta T Watts Heat output	Туре	Length	Height	Calorifier Internal Hot Water Storage	200L				
Practice - Part 1 Water Based Heating Systems	Degrees C	@ ∆ T 50		T 50°C.		@ ∆ T 50°C.		@ ∆ T 50°C.			Booster Pump & Cold Water	212L
Kitchen & Living Room	nen & Living Room 21.5		5008	22	1400	600	Store					
, in the second se				22	1400	600						
Hall	21.5	242	873	22	500	600						
Toilet	19.5	203	873	22	400	600						
Landing	21.5	162	545	22	400	450	Heat	Pump				
Bathroom	19.5	234	873	22	500	600	Split/I	Mono				
Bedroom 2	21.5	358	1235	22	700	600	kW	4.3				
Bedroom 1	21.5	413	1235	22	700	600						
Storeroom	21.5	118	387	11	400	300						

3/4" Cold water supply to bath & shower thermostatic bar valve 1/2" Hot water supply to bath & shower thermostatic bar valve





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Heat loss and emitters have been sized to S.R. 50-1 2021NSAI Building Services -Codes of Practice - Part 1 Water Based Heating Systems in Dwellings and Heat loss calculation and radiator sizing for heat pump systems (SEAI) The flow temperature of heat pump is

calculated at around 45°C with a return temperature of 40°C, the heat emitters detailed in the drawing have been sized using a conversion factor and a typical emitter manufacturer with a ΔT of 50°C, the contractor should obtain conversion factors for low temperature emitters from the supplier/manufacturer and agree with the engineer. Higher out put emitters (increased fins and surface area) influence the final size selection.

Notes

- 1. Final locations to be agreed on site
- 2. Drawing to be read in conjunction with other relevant service drawings and specifications
- 3. Soil and vent pipe-work below ground level shall be the remit of the main contractor
- 4. Mechanical contractor shall be responsible for all connections to sanitary ware

and fitting of same

- All exposed wastes, traps and supports within the toilet area must be metal manufacture and chrome plated
- Access/inspection covers at the
- base of stacks above floor level.

Rev. No.	Revision	Description			Date	
Project S	^{Stage:} Pla	Inning				
Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin.						
Drawing	^{Title:} Me	chanical Layout I	First Flo	oor		
Comhairle Contae Chorcaí Altirí I Stiúrthóireacht Tithiochta Cork County Council Architects Housing Directorate County Hall, Cork Tei: (021) 4285433 e-mail: architects.housing@corkcoco.ie						
Job Reference N2022	rence: 014		Desig Archite Techni	Design Team: Architect: JC		
Dwg. No.: DR-CCC-ME-PL-242			Survey Engine Snr. Ar	or: RE er: JF chitect: R. He	anry	
Date: Oct.2023	Scale: 1:50	Issue for: Planning	Sheet: A3		ebuilding	
Copyright - Anabilia	ala – Housing Direct	arale, Carlo County Council.			2.8_A1_Landscape Sheet	



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40mm waste U bend/trap sink & DW 2 "Cold water supply to dish washer DW (Tee from sink) [‡]" Potable water supply to the sink (pop up) ¹/₂" Hot water supply to the sink (pop up)

- Notes
- 1. Final locations to be agreed on site
- 2. Drawing to be read in conjunction with other relevant service drawings
- and specifications 3. Soil and vent pipe-work below ground level shall be the remit of the main contractor
- 4. Mechanical contractor shall be responsible for all connections to sanitary ware and fitting of same
- 5. All exposed wastes, traps and supports within the toilet area must be metal manufacture and chrome plated
- 6. Access/inspection covers at the base of stacks above floor level.

Rev. No.	Revision	Description			Date
Project S	^{Stage:} Pla	Inning			
Project T	^{ïtle:} Ho 19	using Developem & 20 Dr. Croke Pl	ent ace, K	ilbrin.	
Drawing	^{Title:} Me	chanical Layout G	iround	Floor 19	9 & 20
Comhairle Contae Chorcaí Altirí I Stúrthúreacht Tithíochta Cork County Council Architects Housing Directorate County Hall, Cork Tei: (021) 4285433 e-mail: architects.housing@corkcocc.ie					
Job Reference: N2022014 Dwg. No.: DR CCC ME RL 242			Design Team: Architect: JC Technician: TOF Surveyor: RB Engineer: JF		F
Date: Feb. 23	Scale: N/A	Issue for: Planning	Sheet: A3		ebuilding

¹/₂" cold supply to cistern



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Notes

- 1. Final locations to be agreed on site 2. Drawing to be read in conjunction with other relevant service drawings and specifications
- 3. Soil and vent pipe-work below ground level shall be the remit of the main contractor
- 4. Mechanical contractor shall be responsible for all connections to sanitary ware and fitting of same
- 5. All exposed wastes, traps and supports within the toilet area must be metal manufacture and chrome plated
- 6. Access/inspection covers at the base of stacks above floor level.

Rev. No.	Revision	Description		Date	
Project S	^{itage:} Pla	Inning			
Project T	^{itle:} Ho 19	using Developem & 20 Dr. Croke Pl	ent ace, Kilbrin.		
Drawing	^{Title:} Me	chanical Layout F	irst Floor 19	& 20	
Comhairle Contae Chorcaí Aitirí Stiúrthóireacht Tithíochta Cork County Council Architects Housing Directorate County Hall, Cork Tei: (021) 4285433 e-mail: architects.housing@corkcoco.ie					
Job Reference: N2022014 Dwg. No.: DB-CCC-ME-PL-244			Design Team: Architect: JC Technician: TOF Surveyor: RB Engineer: JF		
Date: Oct.2023	Scale: N/A	Issue for: Planning	A3	Rebuilding Ireland	



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Rev. No.	Revision	Description		Date	
Project S	^{Stage:} Pla	Inning			
Project T	^{itle:} Ho 19	using Developem & 20 Dr. Croke P	ent lace, Kilbrin.		
Drawing	^{Title:} Dra	ain & Ducting			
Comhairle Contae Chorcaí Aitirí Stürthóireacht Tithiochta Cork County Council Architects Housing Directorate County Hall, Cork Tei: (021) 4285433 e-mail: architects.housing@corkcoco.ie					
Job Refer N2022	rence: 014		Design Team: Architect: JC Technician: TOF		
Dwg. No.: DR-CC	Dwg. No.: DR-CCC-PL-256		Surveyor: Engineer: Snr. Architect: R	RB JF Henry	
Date: Oct.2023	Scale: 1:50	Issue for: Planning	A3	Rebuilding	



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32mm Waste Popup Hand Basin 40mm to 32mm Reducer

Rev. No.	Revision	Description		Date		
Project S	^{Stage:} Pla	Inning				
Project T	^{itle:} Ho 19	using Developem & 20 Dr. Croke Pl	ent ace, Kilbrin.			
Drawing	^{Title:} Dra	ain & Ducting				
Comhairle Contae Chorcaí Aittrí Stúirthóireacht Tithiochta Cork County Council Architects Housing Directorate County Hall, Cork Tei: (021) 4285433 e-mail: architects.housing@corkcoco.ie						
Job Reference: N2022014 Dwg. No.:			Design Team: Architect: JC Technician: TC Surveyor: RE Engineer: JF	; DF 3		
Date:	Scale:	Issue for:	Sheet: Sheet:			
Oct.2023	1:50	Planning	A3	reland		
Copyright - Archite	alo – Housing Street	archa, Caste County Council.		2.8_A3_Landscape Sheet		

Legend, Mechanical Extraction

Mechanical extraction unit Flush mounted demand control extract grille Humidity controlled demand ventilation 7000mm2/3500mm2 equivalent area

Stainless steel kitchen extract hood

Calculated general ventilation rate based on occupancy of the dwelling [TGD F – 1.2.2.2]: @ 5 l/s plus 4 l/s person = 5 + (4*4) = 21

Calculated general ventilation rate based on internal floor area of the dwelling [TGD F - 1.2.2.2]: 83 m2 at 0.3 l/s/m2 (0.3 x 81) = 24.3 l/s

Continuous extract ventilation rate of the dwelling is: 24.3 l/s Overall minimum boost extract ventilation rate requirement [TGD F - Table 1]: = Kitchen + Utility + Toilet + Bathroom l/s = 37l/s

25% capacity requirement over general ventilation rate of the dwelling [TGD F - 1.2.2.3]: = 30.375l/s Total capacity of the system l/s = 37l/s

Room with MEV extract grid (s) Room general extract airflow rate (l/s) adjusted proportionally Kitchen = 8.5 l/s Utility = 5.3l/s Toilet = 5.3l/s Bathroom = 5.3l/s

A humidity sensitive air inlet and demand controlled extraction system to be installed

Total Ventilation 49,700mm2

Minimum total equivalent area of background ventilators providing general ventilation 42,000mm2 + 7000mm2 /10m > 70m2 Total area = 81m2 Background ventilators = 42,000mm2 + 7,700mm2 = 49,700mm2

Ventilation heat Loss calculations based on S.R. 50-1 2021 NSAI building services - codes of practice - part 1 water based heating systems in dwellings Building fabric heat Loss calculations based on S.R. 50-1 2021 NSAI, building services - codes of practice part 1 water based heating systems in dwellings Heat emitters based on Low flow & return temperature annex H, S.R. 50-1 2021 NSAI building services - codes of practice part 1 water based heating systems

Ventilation to; Buildings Regulations 2019 Technical Guidance Document F Ventilation







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Image: Scale: Image: Scale:<						
Rev. No. Revision Description Date Project Stage: Planning Date Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin. Date Drawing Title: Ventilation First Floor Image: Comparison of the compar						
Rev. No. Revision Description Date Project Stage: Planning Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin. Drawing Title: Ventilation First Floor Ventilation First Floor Comhairle Contac Chorcaí Aittirí Stiúrthóireacht Tithiochta Cok County Hall, Cork Tel: (021) 4285433 e-mail: architects Housing@corkcooc.ie Job Reference: N2022014 Date: Scale: Issue for: Sheet Got.202 1:50 Planning A3						
Project Stage: Planning Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin. Drawing Title: Ventilation First Floor Ørawing Title: Ventilation First Floor Comhairle Contae Chorcaí Altirrí Stiúrthóireacht Tithiochta Cottor County Hall, Cork Tel: (021) 4285433 e-mail: architects Housing@corkcoco.ie Job Reference: Design Team: Architects = County Hall, Cork Tel: (021) 4285433 e-mail: architects.housing@corkcoco.ie Job Reference: Design Team: Surveyo: N2022014 Architect = Gr Surveyo: Date: Scale: Issue for: Sheet Gr1.202 1:50 Planning A:3	Rev. No.	Revision	Description		Date	
Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin. Drawing Title: Ventilation First Floor Image: Complexity of the state of the st	Project S	^{Stage:} Pla	Inning			
Drawing Title: Ventilation First Floor Ventilation First Floor Comhairle Contae Chorcaí Altiri Stiúrthireacht Tithiochta Cont County Council Architects Housing Directorate County Hall, Cork Tel: (021) 4285433 e-mail: architects.housing@corkcoco.ie Job Reference: N2022014 Dwg. No.: DR-CCC-ME-PL-272 Date: Scale: Cot.202 1:50 Planning A3	Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin.					
Comhairle Contae Chorcaí Aitirí Stiúrthóireacht Tithiochta Cork County Council Architects Housing Directorate County Hall, Cork Tel: (021) 4285433 e-mail: architects.housing@corkcoco.ie Job Reference: N2022014 Dwg. No: DR-CCC-ME-PL-272 Date: Scale: Date: Scale: Cot.2023 1:50 Planning A3	Drawing Title: Ventilation First Floor					
Job Reference: Design Team: N2022014 Architet: JC Dwg. No:: DR-CCC-ME-PL-272 Surveyor: RB Date: Scale: Issue for: Sheet: Rebuilding Oct.2023 1:50 Planning A3 Rebuilding	Comhairle Contae Chorcaí Aitirí Stiúrthóireacht Tithiochta Cork County Council Architects Housing Directorate County Hall, Cork Tel: (021) 4285433 e-mail: architects.housing@corkcoco.ie					
Date: Scale: Issue for: Sheet: A3 Planning A3	Job Reference: N2022014 Dwg. No.: DR-CCC-ME-PL-272			Design Team: Architect: JC Technician: TOF Surveyor: RB Engineer: JF Snr. Architect: R. Henry		
	Date: Oct.2023	Scale: 1:50	Issue for: Planning	A3	ebuilding eland	



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Humidity controlled ventilation 3500mm2 equivalent area

Ceiling Mounted Extract Grille (fire rated valves)

1 no. stainless steel type kitchen extraction hood complete with integrated extraction fan, grease filters, light and controls mounted over the kitchen hob

> Final Locations to be agreed on site The drawings detail the functional requirem and arrangements of the services

Ceiling Mounted Extract Grille _(fire rated valves)

Rev. No.	Revision	Description		Date	
Project S	^{Stage:} Pla	Inning			
Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin.					
Drawing Title: Ventilation Ground Floor 19 & 20					
Comhairle Contae Chorcaí Aitirí Stiúrthóireacht Tithiochta Cork County Council Architects Housing Directorate County Hall, Cork Tel: (021) 4285433 e-mail: architects.housing@corkcoco.ie					
Job Reference: N2022014			Design Team: Architect: JC Technician: TOE		
Dwg. No.: DR-CCC-PL-273			Surveyor: R Engineer: Snr. Architect: R. I	Surveyor: RB Engineer: JF Snr. Architect: R. Henry	
Date: Oct.2023	Scale: N/A	Issue for: Planning	A3	Rebuilding	



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Rev. No.	Revision	Description		Date	
Project S	tage: Pla	Inning			
Project T	Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin.				
Drawing	Drawing Title: Ventilation First Floor 19 & 20				
Comhairle Contae Chorcaí Aitirí Stiúrthóireacht Tithiochta Cork County Council Architects Housing Directorate County Hall, Cork Tel: (021) 4285433 e-mail: architects.housing@corkcoco.ie					
Job Reference: N2022014			Design Team: Architect: JC Technician: TOF		
Dwg. No.: DR-CCC-ME-PL-274			Surveyor: RB Engineer: JF Snr. Architect: R. Henry		
Date: Oct.2023	Scale: N/A	Issue for: Planning	A3	Rebuilding	



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Rev. No.	Revision	Description			Date
Project S	^{itage:} Pla	Inning			
Project Title: Housing Developement 19 & 20 Dr. Croke Place, Kilbrin.					
Drawing Title: Attic					
Comhairle Contae Chorcaí Aitirí Stiúrthóireacht Tithiochta Cork County Council Architects Housing Directorate County Hall, Cork Tel: (021) 4285433 e-mail: architects.housing@corkcoco.ie					
Job Reference: N2022014 Dwg. No.: DR-CCC-MEPL-286			Design Team: Architect: JC Technician: TOF Surveyor: RB Engineer: JF Snr. Architect: R. Henry		
Date: Oct.2023	Scale: 1:50	Issue for: Planning	Sheet: A3		ebuilding eland