Dr.Ranjith Residence - Wiring details

Date: 03.04.2023

Floor	Location		Cable	DB Location	Remarks
Ground Floor	GF_Entrance Compound	Leftside CCTV	CAT-6	GF_Automation DB	
		Rightside CCTV	CAT-6	GF_Automation DB	
		VDP Outdoor Unit	CAT-6 & 4-Core	Terrace Power Room Automation DB	
		Pedestrain Gate Lock Control	4 core	Terrace Power Room Automation DB	
		Gate Motor Control	4 core	Terrace Power Room Automation DB	
	GF_Outdoor-Beam Sensor	Front wall transmitter	4 core	GF_Automation DB	
		Front wall receiver	4 core	GF_Automation DB	
		Right side wall transmitter-1	4 core	GF_Automation DB	
		Right side wall receiver-1	4 core	GF_Automation DB	
		Right side wall transmitter-2	4 core	GF_Automation DB	
		Right side wall receiver-2	4 core	GF_Automation DB	
		Left side wall transmitter-1	4 core	GF_Automation DB	
		Left side wall receiver-1	4 core	GF_Automation DB	
		Left side wall transmitter-2	4 core	GF_Automation DB	
		Left side wall receiver-2	4 core	GF_Automation DB	
		Back wall transmitter	4 core	GF_Automation DB	
		Back wall receiver	4 core	GF_Automation DB	
	GF_Car Parking/Front Entrnace	Sump	2Nos 4 core	Terrace Power Room Automation DB	
		Car park view CCTV	CAT-6	GF_Automation DB	
		Keypad	CAT-6	GF-Lighting DB	
		Siren	4 core	Terrace Power Room Automation DB	
	GF_EntranceSit-out	Keypad	CAT-6	GF-Lighting DB	
		VDP Outdoor Unit	CAT-6 & 4-Core	Terrace Power Room Automation DB	
		CCTV	CAT-6	GF_Automation DB	
		Main Door Sensor	4 core	GF_Automation DB	
		Digital Door lock	CAT-6	Terrace Power Room Automation DB	
		Security Keypad	CAT-6	Terrace Power Room Automation DB	
		Keypad	CAT-6	GF-Lighting DB	
	GF_Living Hall	TV data	CAT-6	GF_Automation DB	
		TV master control	TV Power Cable	GF_Lighting DB	
		Wi-Fi (Access Point)	CAT-6	GF_Automation DB	
		Glass Break Sensor-1	4 core	GF_Automation DB	
		Window Sensor (TW3)	4 core	GF_Automation DB	
		Window Sensor (TW3)	Loop 4 Core -	GF_Automation DB	
		Glass Break Sensor-2	4 core	GF_Automation DB	
		Curtain	5 Nos - 1.5 Sq mm	GF-Lighting DB	
	GF_Dining	Keypad	CAT-6	GF-Lighting DB	
		VDP indoor	CAT-6 & 4 core	Terrace Power Room Automation DB	
		Curtain	5 Nos - 1.5 Sq mm	GF-Lighting DB	
		Window Sensor (TW2)	4 core	GF_Automation DB	
		Window Sensor (TW2)	Loop 4 Core -	GF_Automation DB	
	GF_Courtyard	PIR Sensor	4 core	GF_Automation DB	
		Pathway door sensor-1	4 core	GF_Automation DB	
		Pathway door sensor-2	4 core	GF_Automation DB	
	GF_Right side Court yard	Window Sensor (TW1)	4 core	GF_Automation DB	
		PIR Sensor	4 core	GF_Automation DB	
	GF_Kitchen	Wi-Fi (Access Point)	CAT-6	GF_Automation DB	
		Speaker (Right)	Speaker Cable	Terrace Power Room Automation DB	
		Speaker (Left)	Speaker Cable	Terrace Power Room Automation DB	
		Gas leak sensor	4 core & 5Amps	GF_Automation DB	
		Keypad	CAT-6	GF-Lighting DB	
		Left pahtway CCTV	CAT-6	GF_Automation DB	
	GF_Service Kitchen	CCTV	CAT-6	GF_Automation DB	
		Window Sensor (TKW)	CAT-6	GF_Automation DB	
		Gas leak Sensor	4 core & 5Amps	GF_Automation DB	
		PIR Sensor	4 core	GF_Automation DB	
		Back Utility door sensor	4 core	GF_Automation DB	

Floor	Location		Cable	DB Location	Remarks
Ground	GF_Guest Bedroom	Occupancy Sensor	3 Nos - 1.5 Sq mm	Toilet Switch board	
		Window Sensor (TV)	4 core	GF_Automation DB	
		Keypad (Door)	CAT-6	GF-Lighting DB	
		Wi-Fi (Access Point)	CAT-6	GF_Automation DB	
		Keypad (Bed)	CAT-6	GF-Lighting DB	
		Window Sensor (W1)	4 core	GF_Automation DB	
		Speaker (Right)	Speaker cable	Terrace Power Room Automation DB	
		Speaker (Left)	Speaker cable	Terrace Power Room Automation DB	
		Curtain	5 Nos - 1.5 Sq mm	GF_Automation DB	
		Back Side CCTV	CAT-6	GF_Automation DB	
		Right Side CCTV	CAT-6	GF_Automation DB	
First Floor	FF_HT Balcony	PIR Sensor	4 core	Terrace Power Room Automation DB	
		Multi Sensor	4 core	Terrace Power Room Automation DB	
	FF_Home Theatre	Wi-Fi (Access Point)	CAT-6	Terrace Power Room Automation DB	
		Window Sensor (TW3)	4 core	Terrace Power Room Automation DB	
		Curtain	5 Nos - 1.5 Sq mm	GF-Lighting DB	
		CCTV Monitor	CAT-6	Terrace Power Room Automation DB	i.e: NVR Location
		Data	3 No's CAT-6	Terrace Power Room Automation DB	
		Room Controller	4 Core	Terrace Power Room Automation DB	
		TV master control	TV Power Cable	Terrace Power Room Automation DB	
		Keypad	CAT-6	GF-Lighting DB	
	FF_Lobby	Keypad	CAT-6	GF-Lighting DB	
	FF_Pooja/Study	Speaker (Left)	Speaker cable	Terrace Power Room Automation DB	
		Speaker (Right)	Speaker cable	Terrace Power Room Automation DB	
		Keypad	CAT-6	GF-Lighting DB	
		Window Sensor (TW1)	4 core	Terrace Power Room Automation DB	
		Beam Sensor Transmitter	4 core	Terrace Power Room Automation DB	
		Beam Sensor Receiver	4 core	Terrace Power Room Automation DB	
	FF_Master Bedroom	Keypad (Door)	CAT-6	GF-Lighting DB	
		Keypad (Bed)	CAT-6	GF-Lighting DB	
		Wi-Fi (Access Point)	CAT-6	Terrace Power Room Automation DB	
		Speaker (Left)	Speaker cable	Terrace Power Room Automation DB	
		Speaker (Right)	Speaker cable	Terrace Power Room Automation DB	
		Touch Screen	CAT-6	Terrace Power Room Automation DB	
		Curtain	5 Nos - 1.5 Sq mm	GF-Lighting DB	
		TV master control	TV Power Cable	GF_Lighting DB	
		TV data	CAT-6	Terrace Power Room Automation DB	
		Audio Source	4 Core	Terrace Power Room Automation DB	
		CCTV Monitor	CAT-6	Terrace Power Room Automation DB	
		Multi Sensor	4 core	Terrace Power Room Automation DB	
		Dressing Occupacy sensor	3 Nos - 1.5 Sq mm	Dressing Switch board	
		Toilet occupancy sensor	3 Nos - 1.5 Sq mm	Toilet Switch board	
		Toilet Window sensor	4 core	Terrace Power Room Automation DB	
Second	SF_Bed Room-2	Balcony Multisensor	4 core	Terrace Power Room Automation DB	
		Window Sensor (TCW)	4 core	Terrace Power Room Automation DB	
		Glass Break Sensor	4 core	Terrace Power Room Automation DB	
		Wi-Fi (Access Point)	CAT-6	Terrace Power Room Automation DB	
		Curtain	5 Nos - 1.5 Sq mm	SF_Lighting DB	
		TV data	CAT-6	Terrace Power Room Automation DB	
		TV master control	TV Power Cable	Second Floor Lighting DB	
		Audio Source	4 core	Terrace Power Room Automation DB	
		Speaker (Left)	Speaker cable	Terrace Power Room Automation DB	
		Speaker (Right)	Speaker cable	Terrace Power Room Automation DB	
		Keypad (Door)	CAT-6	SF_Lighting DB	
		Keypad (Bed)	CAT-6	SF_Lighting DB	
		Window Sensor (TW1)	4 core	Terrace Power Room Automation DB	
		Dressing Occupacy sensor	3 Nos - 1.5 Sq mm	Dressing Switch board	
		Toilet occupancy sensor	3 Nos - 1.5 Sq mm	Toilet Switch board	
		Toilet Window sensor	4 core	Terrace Power Room Automation DB	

Floor	Location		Cable	DB Location	Remarks
S e c o n d F l o o r	SF_Lobby	Window Sensor (TW2)	4 core	Terrace Power Room Automation DB	
		Wi-Fi (Access Point)	CAT-6	Terrace Power Room Automation DB	
		Keypad	CAT-6	SF_Lighting DB	
	SF_Bed Room-1	Keypad (Door)	CAT-6	SF_Lighting DB	
		Balcony PIR	4 core	Terrace Power Room Automation DB	
		Balcony Window Sensor (TW1)	4 core	Terrace Power Room Automation DB	
		Window Sensor (TW3)	4 core	Terrace Power Room Automation DB	
		Glass Break Sensor	4 core	Terrace Power Room Automation DB	
		Curtain	5 Nos - 1.5 Sq mm	SF_Lighting DB	
		Wi-Fi (Access Point)	CAT-6	Terrace Power Room Automation DB	
		Keypad (Bed)	CAT-6	SF_Lighting DB	
		Speaker (Left)	Speaker cable	Terrace Power Room Automation DB	
		Speaker (Right)	Speaker cable	Terrace Power Room Automation DB	
		Window Sensor (TW)	4 core	Terrace Power Room Automation DB	
		TV master control	TV Power Cable	Second Floor Lighting DB	
		TV data	CAT-6	Terrace Power Room Automation DB	
		Audio Source	4 core	Terrace Power Room Automation DB	
		Dressing Occupacy sensor	3 Nos - 1.5 Sq mm	Dressing Switch board	
		Dressing Window sensor (TW)	4 core	Terrace Power Room Automation DB	
		Toilet occupancy sensor	3 Nos - 1.5 Sq mm	Toilet Switch board	
		Toilet Window sensor	4 core	Terrace Power Room Automation DB	
Terrace	Terrace_Roof Garden	CCTV	CAT-6	Terrace Power Room Automation DB	
	Terrace_Gym	Front Door Sensor (D2)	4 core	Terrace Power Room Automation DB	
		PIR Sensor	4 core	Terrace Power Room Automation DB	
		Wi-Fi (Access Point)	CAT-6	Terrace Power Room Automation DB	
		Door Sensor (D1)	4 core	Terrace Power Room Automation DB	
		CCTV	CAT-6	Terrace Power Room Automation DB	
	Terrace_Double Height	Glass Break Sensor-1	4 core	Terrace Power Room Automation DB	
		Glass Break Sensor-2	4 core	Terrace Power Room Automation DB	
	Terrace Working Space	Window Sensor (TW1)	4 core	Terrace Power Room Automation DB	
	Terrace_Open area	AC Unit	CAT-6 & 4 Core	Terrace Power Room Automation DB	
		Water Tank	2 No's 4 Core	Terrace Power Room Automation DB	
	Terrace Power Room	Door Sensor (D1)	4 core	Terrace Power Room Automation DB	
		Window Sensor (TW)	4 core	Terrace Power Room Automation DB	
		CCTV	CAT-6	Terrace Power Room Automation DB	

Floor	Location		Cable	Status	Remarks
Loop	Ground Floor LDB to Second Floor LDB	Loop Cables	3 sets (P, N &E) of 1.5 Sqmm and 3		
	Ground Floor LDB to Terrace Floor ADB	Loop Cables	2 Nos Cat 6		
	Second Floor LDB to Terrace ADB	Loop Cables	2 Nos Cat 6		
	GF ADB to Terrace ADB	Loop Cables	2Nos of Cat 6 & 2Nos of 4 Core		