Alpha
Consulting Engineers Pte Ltd

PROJECT QUALITY PLAN

PROPOSED ERECTION OF 7 BLOCKS OF 5-STOREY (WITH ATTIC) CONDOMINIUM DEVELOPMENT (250 UNITS) WITH 1 BASEMENT CARPARK AND ANCILLARY FACILITIES ON LOT (S) 6165X MK 24 AT HOW SUN DRIVE

For

Singhaiyi Huajiang Sun Pte. Ltd.

Copy No.	1

Prepared By: Goh Soon Huat/Chong Lai Meng/Low Qi Fan/Rukiah Bte Suttan

Authorised By: Choong Choon Guan

Date: 19 October 2022

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SECTION 1

QUALITY PLAN CONTROL AND DISTRIBUTION

1.1 List of Copy Holders

Copy No.	Copy Holder	Date of Issue
1	6253	19 October 2022

1.2 Revision Record

Revision	Date of Issue	Section Reference	Page(s)	Remarks
0	13 May 2019	1 to 11	37	+ 16 pages (Section 4.1 – Overall Construction Programme)
1	9 November 2019	1 to 11	36	+ 16 pages (Section 4.1 – Overall Construction Programme)
2	8 January 2021	1 to 11	36	+ 25 pages (Section 4.1 – Overall Construction Programme)
3	19 October 2022	1 to 11	35	+ 25 pages (Section 4.1 – Overall Construction Programme)

SECTION 2

PROJECT INFORMATION

2.1 Project Description

Type of Development	Residential

Statistics of Development	
Site Area, m²	13,568.10
Nett Floor Area, m²	–
Gross Floor Area, m²	20,119.00
Covered Carpark, m²	–
No. of Covered Carpark Lots	240
No. of Apartments/Houses	250
No. of Beds (for Hospitals)	–
No. of Guestroom (for Hotels)	–
No. of Blocks / No. of Storeys	7/5 storeys
Green Mark Category	Gold^{Plus}
No. of Phases	1

2.2 Project Cost

M&E Services Cost Plan (S$ x 1M)										
Services	EI	ACVI	LEI	FFAI	PSI	SPFI				
Estimate	4.565	1.652	2.300	0.592	3.515	0.400				
Awarded	3.590	1.679	1.583	0.663	3.407	0.358				

Total Project Construction Cost (S$ x1M)			
	Site Clearance	Piling Works	Main Contract
Estimate			
Awarded			71.6

Site Clearance shall include earth work, soil improvement, service diversion and termination.

2.3 Scope of Works

2.3.1 Scope of Consultancy Services

Conceptual/Schematic Design	✓
Detailed Design	✓
Tender Documentation	✓
Tender Evaluation	✓
Contract Supervision	✓
M&E Costing	✓
Submissions to Authority	✓

(✓ where applicable)

2.3.2 Scope of M&E Services

ELECTRICAL	✓	AIR CONDITIONING	✓	SPRINKLER	✓	SANITARY	✓	SWIMMING POOL	✓
LIFT	✓	MECHANICAL VENTILATION	✓	FIRE ALARM	✓	COLD WATER	✓	STEAM BOILER	
ESCALATOR		MECHANICAL SMOKE EXTRACT		HOSEREEL	✓	HOT WATER	✓	FUEL STORAGE	
PABX		COMPUTER A/C		WET RISER		TOWN GAS	✓		
SECURITY		BST CARPARK EXH		DRY RISER	✓	LPG GAS			
TELELIFT		HEATING				MEDICAL GAS			
DATA COMM.									
FLUSHFLOOR TRUNKING									

(✓*where applicable*)

2.3.3 Submission to Relevant Authorities by Others

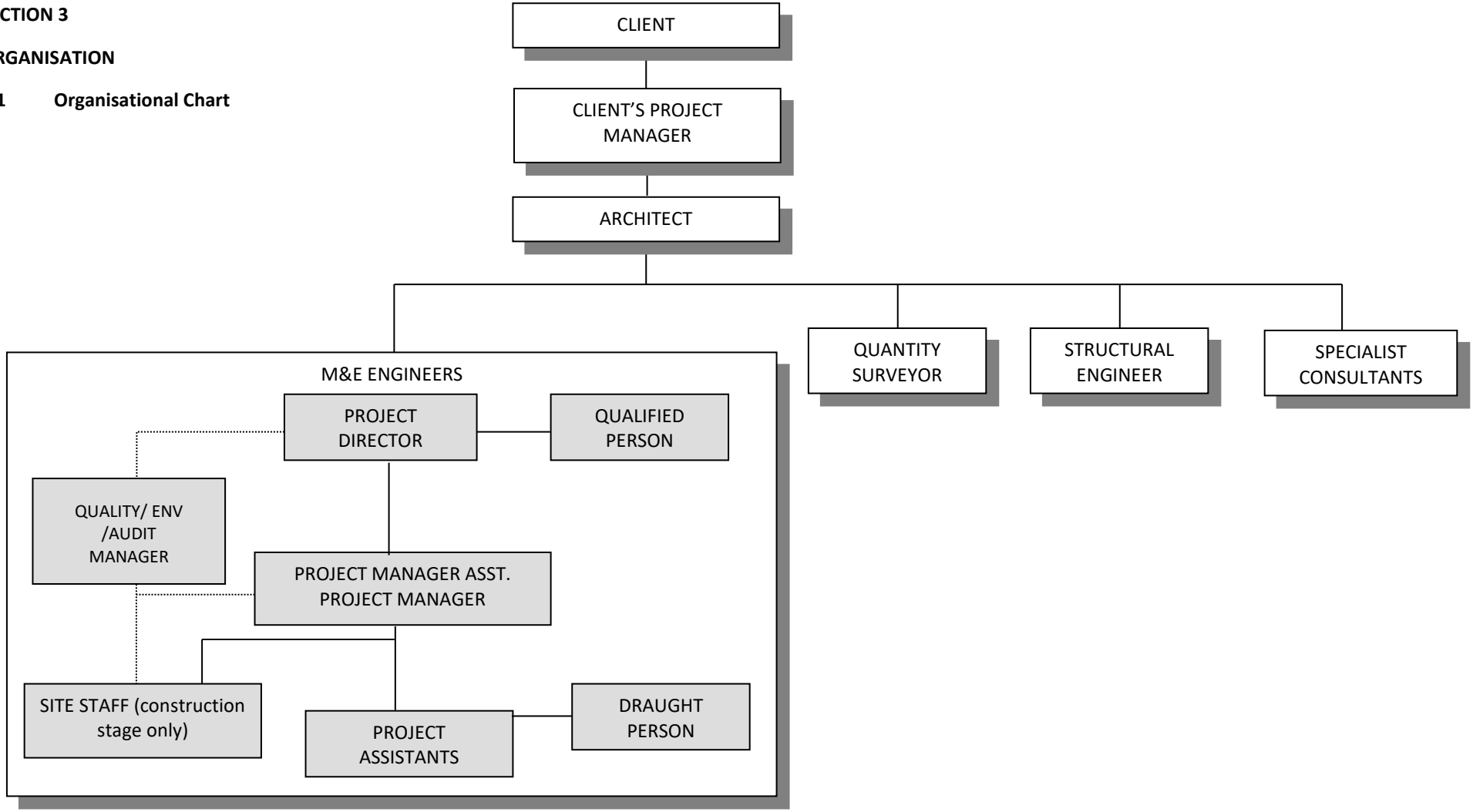
EJECTOR & DIVERTER		SUMP PUMP		FUEL OIL TANK		LIFT & ESCALATOR		PRESSURE VESSEL		HOISTS		FOAM	

(✓*where applicable*)

SECTION 3

ORGANISATION

3.1 Organisational Chart



SECTION 3

ORGANISATION

3.2 ACEPL's Project Team Member

TITLE		NAME
Project Director		Mr Choong Choon Guan
Qualified Person	Mechanical	Mr Choong Choon Guan
	Electrical	Mr Loh Fook Yuen
Project Manager		Mr Goh Soon Huat
Assistant Project Manager		Ms Chong Lai Meng
Project Assistant (Mech)		Mr Low Qi Fan
Project Assistant (Elect)		Ms Rukiah Bte Suttan
Draughtsperson		Common Pool
Resident Engineer (M&E)		–
Assistant Resident Engineer (M&E)		–
Clerk-of-Work (M&E)		–

3.3 Client/Client's Representatives

Client: Singhaiyi Huajiang Sun Pte Ltd

Address: 6 Shenton Way #45-01 OUE Downtown 1 Singapore 068809

Tel: +65 6533 9023

Fax: +65 6532 7602

Client's Representatives:

Name of Company	Contact Person	Contact
Singhaiyi Huajiang Sun Pte Ltd	Name: Ms Catherine Chang Position: Director	Tel: 6692 9813 Fax: – Handphone: 9675 8975 Email: catherine@singhaiyi.com
Singhaiyi Huajiang Sun Pte Ltd	Name: Mr Deng Jianping Position: Project Manager	Tel: 6692 9816 Fax: – Handphone: Email: jianping.deng@singhaiyi.com
Singhaiyi Huajiang Sun Pte Ltd	Name: Mr Aung Bhone Maul Position:	Tel: 6533 9023 Fax: – Handphone: 9796 6224 Email: aung@sinhaiyi.com
Singhaiyi Huajiang Sun Pte Ltd	Name: Mr Dennis Lam Position:	Tel: – Fax: – Handphone: – Email: dennislam@singhaiyi.com
Singhaiyi Huajiang Sun Pte Ltd	Name: Mr Gary Lim Position:	Tel: – Fax: – Handphone: – Email: gary@singhaiyi.com
Singhaiyi Huajiang Sun Pte Ltd	Name: Ms Angeline Xu Position:	Tel: – Fax: – Handphone: – Email: angeline.xu@singhaiyi.com
Singhaiyi Huajiang Sun Pte Ltd	Name: Lim Hwee Chim Position: Deputy Project Director	Tel: – Fax: – Handphone: 9618 0673 Email: hweechim.lim@singhaiyi.com

3.4 **Other Consultants** (Local)

Function / Name of Company	Contact Person	Contact
Project Architect RSP Architects Planners & Engineers (Pte) Ltd	Name: Mr Ng Meng Hui Position:	Tel: 6378 5721 Fax: 6291 7809 Handphone: 9668 0157 Email: ng_meng_hui@rsp.sg
Project Architect RSP Architects Planners & Engineers (Pte) Ltd	Name: Mr Tay Eng Khoon Position:	Tel: 6378 5809 Fax: 6291 7809 Handphone: 9159 3501 Email: tay_eng_khoon@rsp.sg
Project Architect RSP Architects Planners & Engineers (Pte) Ltd	Name: Mr Anggara Rhabenta Position:	Tel: 6378 5811 Fax: 6291 7809 Handphone: 9025 2492 Email: anggara_rhabenta@rsp.sg
Project Architect RSP Architects Planners & Engineers (Pte) Lt	Name: Mr Foo Kai Kiat Position:	Tel: 6378 5831 Fax: 6291 7809 Handphone: 9757 3900 Email: foo_kai_kiat@rsp.sg
Project Architect RSP Architects Planners & Engineers (Pte) Ltd	Name: Mr Charlie Position:	Tel: 6378 5763 Fax: 6291 7809 Handphone: 87191848 Email: 170146@rsp.sg
Structural Engineer KCL Consultants Pte Ltd	Name: Mr Yang De Xi Position:	Tel: 6348 2501 Fax: 6348 6873 Handphone: 9437 9921 Email: ydx@kcl.com.sg
Structural Engineer KCL Consultants Pte Ltd	Name: Ms Lim Yee Chih Position:	Tel: 6348 2501 Fax: 6348 6873 Handphone: 8578 0805 Email: yeechih@kcl.com.sg
Quantity Surveyor Rider Levett Bucknall LLP	Name: Mr Silas P. W. Loh Position:	Tel: 6339 1500 Fax: 6339 1521 Handphone: – Email: silas.loh@sg.rlb.com
Quantity Surveyor Rider Levett Bucknall LLP	Name: Ms Thong Yoong Way Position:	Tel: 6339 1500 Fax: 6339 1521 Handphone: 9455 9078 Email: bh.ting@sg.rlb.com
Landscape Consultant Coen Design International Pte Ltd	Name: Ms Ann Teo Position: Managing Director	Tel: 6844 9888 Fax: 6844 9555 Handphone: 9129 7168 Email: ann@coen-design.com

3.4 Other Consultants (Local) (Cont'd)

Function / Name of Company	Contact Person	Contact
Landscape Consultant Coen Design International Pte Ltd	Name: Ms Bey Cai Ling Position:	Tel: 6844 9888 Fax: 6844 9555 Handphone: 8138 1954 Email: cailing@coen-design.com
Traffic Consultant Vertix Asia-Pacific Pte Ltd	Name: Mr Nick Fellows Position:	Tel: 6536 8714 Fax: 6536 8715 Handphone: 9680 4107 Email: nick.fellows@vertixap.com
Traffic Consultant Vertix Asia-Pacific Pte Ltd	Name: Ms Ray Krishna Position:	Tel: 6536 8714 Fax: 6536 8715 Handphone: 9856 0851 Email: ray.k@vertixap.com
Traffic Consultant Vertix Asia-Pacific Pte Ltd	Name: Mr Sasindran Position:	Tel: 6536 8714 Fax: 6536 8715 Handphone: 9736 1926 Email: sasi@vertixap.com
Topography Surveyor J K Foo Consortium Pte Ltd	Name: Mr Yu Jiangcheng Position:	Tel: 6742 7973 Fax: 6742 9792 Handphone: Email: yu_jc@jkfoosurvey.com.sg
Topography Surveyor J K Foo Consortium Pte Ltd	Name: Ms Ser Pung Lah Position:	Tel: 6742 7973 Fax: 6742 9792 Handphone: – Email: ser_pl@jkfoosurvey.com.sg
Interior Designer	Name: Position:	Tel: Fax: Handphone: Email:
Lighting Consultant	Name: Position:	Tel: Fax: Handphone: Email:
Acoustic Consultant	Name: Position:	Tel: Fax: Handphone: Email:

3.4 Other Consultants (Overseas) – Not Applicable

Function / Name of Company	Contact Person	Contact
Architect	Name: Position:	Tel: Fax: Handphone: Email:
M&E Consultant	Name: Position:	Tel: Fax: Handphone: Email:
Quantity Surveyor	Name: Position:	Tel: Fax: Handphone: Email:
Structural Engineer	Name: Position:	Tel: Fax: Handphone: Email:
Interior Designer	Name: Position:	Tel: Fax: Handphone: Email:
Lighting Consultant	Name: Position:	Tel: Fax: Handphone: Email:
Acoustic Consultant	Name: Position:	Tel: Fax: Handphone: Email:
_____	Name: Position:	Tel: Fax: Handphone: Email:

3.5 Contractors/Sub-Contractors

Function / Name of Company	Contract *	Contact Person	Contact
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Ms Xu Yu Qing Position: Project Director	Tel: 6390 2888 Fax: 6227 5073 Handphone: 9792 6836 Email: xu@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Mr Yang Wen Hui Position: Deputy Project Director	Tel: 6390 2888 Fax: 6227 5073 Handphone: 9028 3949 Email: yangwenhui@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Mr Fu Xue Yong Position: Senior Project Manager	Tel: 6390 2888 Fax: 6227 5073 Handphone: 9793 2868 Email: fuxueyong@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Mr Xu Hai Yong Position: Site Manager	Tel: 6390 2888 Fax: 6227 5073 Handphone: 9145 3235 Email: Xuhaiyong@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Mr Zhou Guang Pei Position: Site Manager	Tel: 6390 2888 Fax: 6227 5073 Handphone: 8721 6950 Email: zhouguangpei@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Mr Jimmy Tan Position: WSH Officer	Tel: 6390 2888 Fax: 6227 5073 Handphone: 9367 0647 Email: jimmytan@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Ms Thit Thit Myint Position: M&E Coordinator	Tel: 6390 2888 Fax: 6227 5073 Handphone: 9159 1394 Email: ThitThit@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Mr Wang Ping Position: Surveyor	Tel: 6390 2888 Fax: 6227 5073 Handphone: 8167 0892 Email: wangping@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Mr Chen Dan Qing Position: Senior Quantity Surveyor	Tel: 6390 2888 Fax: 6227 5073 Handphone: 8415 7022 Email: chendanqing@chinaconstruction.com.sg

3.5 Contractors/Sub-Contractors (Cont'd)

Function / Name of Company	Contract *	Contact Person	Contact
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Ms Huang Qing Position: Quantity Surveyor	Tel: 6390 2888 Fax: 6227 5073 Handphone: 9696 4115 Email: huangqing@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Ms Chu Xin Pei Position: Quantity Surveyor	Tel: 6390 2888 Fax: 6227 5073 Handphone: 9727 0321 Email: chuxinpei@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Ms Amanda Liong Position: PRO	Tel: 6390 2888 Fax: 6227 5073 Handphone: 9338 3219 Email: amandaliong@chinaconstruction.com.sg
Main Contractor China Construction (South Pacific) Development Co. Pte. Ltd.		Name: Mr Li De Nian Position: Material Engineer	Tel: 6390 2888 Fax: 6227 5073 Handphone: 9225 3965 Email: Lidenian@chinaconstruction.com.sg
Air Conditioning & Ventilation Installation Sub-Contractor Great Resources M&E Contractor Pte Ltd	DSC	Name: Mr Sun Jia Ji Position:	Tel: 6756 6123 Fax: 6397 5046 Handphone: 9115 7767 Email: sunjiaji@chinaconstruction.com.sg
Plumbing & Sanitary Installation Sub-Contractor Chew Construction & Plumbing Pte Ltd	DSC	Name: Mr Lee Bee Fen Position:	Tel: 6710 7919 Fax: 6368 5753 Handphone: Email: beefen@chewplumping.com.sg
Electrical Installation Sub-Contractor Great Resources M&E Contractor Pte Ltd	DSC	Name: Mr Jia Ying Hui Position:	Tel: 6756 6123 Fax: 6397 5046 Handphone: 9068 9928 Email: jiayinghui@chinaconstruction.com.sg
Lift & Escalator Installation Sub-Contractor Mitsubishi Elevator (Singapore) Pte Ltd	DSC	Name: Mr Jacky Lim Position:	Tel: 6842 5678 Fax: 6748 2292 Handphone: 6436 2830 (D) Email: Jacky@mesp.meap.com
Fire Fighting & Alarm Installation Sub-Contractor Rico Engineering Works Pte Ltd	DSC	Name: Mr Nicholas Position:	Tel: 6482 0153 Fax: 6482 0553 Handphone: 9650 8575 Email: qe@ricoeng.com.sg

3.5 Contractors/Sub-Contractors (Cont'd)

Function / Name of Company	Contract *	Contact Person	Contact
Swimming Pool Filtration Plant Installation Sub-Contractor Waterwish Pte Ltd	DSC	Name: Mr. Derek Yoon Position:	Tel: 6744 0490 Fax: 6744 0414 Handphone: 9691 7211 Email: projects@waterwishpl.com
Carpark System Installation Sub-Contractor		Name: Position:	Tel: Fax: Handphone: Email:
Pre-Condition Survey Sub-Contractor City Surveyor Pte Ltd	DSC	Name: Mr Cromer Teo Position:	Tel: 6555 5231 Fax: 6234 3255 Handphone: 9066 3376 Email: cromer@citysurveyors.com.sg
Cable Detention Services Sub-Contractor JB Technical Services	DSC	Name: Mr Paul Position:	Tel: 6288 2880 Fax: 6288 2826 Handphone: 9683 3310 Email: sharon@jbtech.com.sg
Security Guard Sub-Contractor Quality Engineering Pte Ltd	DSC	Name: Mr Johnson Ng Position:	Tel: 6818 8666 Fax: 6818 8667 Handphone: 9630 6121 Email: Johnson.ng@greatearth.sg
Demolition Work Sub-Contractor Beng Soon Machinery Services (Singapore) Pte Ltd	DSC	Name: Mr Karine Tang Position:	Tel: 6288 1280 Fax: 6289 5531 Handphone: 9847 1818 Email: karine.tang@bsm.com.sg
Land Surveying Sub-Contractor CAK & FG Survey Pte Ltd	DSC	Name: Mr Liu Ye Position:	Tel: 6299 1776 Fax: 6299 1416 Handphone: 9231 3796 Email: liu.ye@cak-fg.com.sg
Soil Investigation Sub-Contractor Geomotion (Singapore) Pte Ltd	DSC	Name: Mr Zaw Win Thein Position:	Tel: 6546 5585 Fax: 6546 5595 Handphone: 9139 3755 Email: zaw.win.thein@geomotion.com.sg
Licensed Electrical Work Sub-Contractor Action Engineering Services Pte Ltd	DSC	Name: Mr Richard Nyap Fat Ming Position:	Tel: – Fax: – Handphone: 9633 3633 Email: actionengr@yahoo.com
Asbestos removal Sub-Contractor Eco Special Waste Management Pte Ltd	DSC	Name: Mr Jimmy Yeo Position:	Tel: 6517 3600 Fax: 6862 0133 Handphone: 9740 3177 Email: jimmy.yeo@eco.com.sg

3.5 Contractors/Sub-Contractors (Cont'd)

Function / Name of Company	Contract *	Contact Person	Contact
CCTV monitoring for Sewer Clear Link Pte Ltd	DSC	Name: Mr Moses Poh Position:	Tel: 6659 1128 Fax: 6659 1129 Handphone: 9321 2481 Email: mosespoh@clearlink.com.sg
Safeguard Consultation Safeguard Consultancy Pte Ltd	DSC	Name: Mr Sebastian Kao Position:	Tel: 6336 1195 Fax: – Handphone: 9660 7489 Email: – office@safeguardconsult.com.sg
Waste Disposal Evergreen Waste Management Pte Ltd	DSC	Name: Mr Loy Lee Yang Chea Position:	Tel: 6862 4898 Fax: 6862 4993 Handphone: 8588 0037 Email: evergreen_waste@live.com.sg
Pneumatic Waste Collection System STREAM Environmental (S) Pte Ltd	DSC	Name: Mr Tan Cheong Huat Position:	Tel: 6848 4366 Fax: 6783 2680 Handphone: 9771 8246 Email: cheonghuat.tan@stream-environment.com
Temporary Site Gate Tat Hin Builders Pte Ltd	DSC	Name: Mr Liong Kok Chong Position:	Tel: 6365 6998 Fax: 6365 1338 Handphone: 8201 3421 Email: thasriq.thb@gmail.com
Pest Control and Anti-termite Service Pest-Pro Management Pte Ltd	DSC	Name: Mr Stanley Kum Position:	Tel: 6300 8385 Fax: – Handphone: 9060 0592 Email: stanley@pestpro.com.sg
Instrumentation and Monitoring Works Soil Investigation Pte Ltd	DSC	Name: Mr Zhi Yang Position:	Tel: 6745 6765 Fax: 6747 1733 Handphone: 6505 9727 Email: zhiyang@soilinvestigation.com.sg
Material Testing CAST Laboratories Pte Ltd	DSC	Name: Mr John Yeo Position:	Tel: 6801 6000 Fax: 6801 6002 Handphone: 8201 5022 Email: john@castlab.com.sg
Supply and Delivery of Rebar NatSteel Holdings Pte Ltd	DSC	Name: Mr Alvin Lim Position:	Tel: 6265 1233 Fax: 6268 0611 Handphone: 9768 1887 Email: sales@natsteel.com.sg

3.5 Contractors/Sub-Contractors (Cont'd)

Function / Name of Company	Contract *	Contact Person	Contact
Waterproofing Works ADF Waterproof Pte Ltd	DSC	Name: Mr Delon Position:	Tel: 6362 1282 Fax: 6362 7856 Handphone: 9853 5119 Email: delonsh@gmail.com
Supply and Installation of Prefab Site Office Cape Engineering Construction Pte Ltd	DSC	Name: Mr Alex Ching Position:	Tel: 6487 1608 Fax: 6487 0260 Handphone: 9101 9066 Email: alexching@cape-engrg.com
Earthwork Kok Tong Construction Pte Ltd	DSC	Name: Mr Yiaw Seng Tan Position:	Tel: 6487 4646 Fax: 6487 4440 Handphone: 8660 6716 Email: enquiry@ktcgroup.com.sg
_____		Name: Position:	Tel: Fax: Handphone: Email:

** Type of Contract*
- *NSC (Nominated Sub-Contract)*
- *DSC (Domesticated Sub-Contract)*
- *DC (Direct Contract)*
- *NS (Nominated Supplier)*

3.6 Authorities

Authorities/Department	Contact Person	Tel/Fax Nos./E-mail
SP PowerGrid:		
(a) Sub-Station	Mr Abbas Mohd Supian	Tel: 6916 8557 Email: ABBASMOHDSUPIAH@spgroup.com.sg
(b) Diversion	Mr Muhammad Zain Aman	HP: 9061 8224 Email: muhamadzainaman@spgroup.com.sg
SP Services:		
(a) Customer Supply		
(b) Installation		
(c) Meter Section		
(d) Road Lighting		
TFCC:		
(a) Netlink Trust	Mr Farhan Bin Khalid Alkhatib	Tel: 6718 2828 HP: 9222 1446 Email: FarhanAlkhatibnetlinknbn.com
(b) SingTel	Mr Justin Lee	Tel: 6342 5932 HP: 8028 9416 Email: justin.lee@singtel.com
(c) StarHub	Mr Lee Wen Zhong	Tel: – HP: 9068 1478 Email: wzlee@starhub.com
(d) IDA		
BCA:		
(a) Building Plan		
(b) Green Mark		
FSSD:		
(a) Building Plan		
(b) M&E Plan		
PUB (Water Supply) Network Dept:		
(a) Water Conservation		
(b) Plumbing Plan	Ms. Nazilah Sapuan	HP: 9247 5694
(c) Diversion		
(d) NEWater		

3.6 Authorities (Cont'd)

Authorities/Department	Contact Person	Tel/Fax Nos./E-mail
PUB Water Reclamation (Network) Dept:		
(a) Building Plan/CBPU	Mr Gwee Yew Beng	Tel: 6731 3249
(b) M&E Plan		
(c) Diversion		
City Gas Pte Ltd:		
(a) Planning/Submission	Ms. Eileen Loh	Tel: 6578 7867
(b) Installation/Inspection		
PowerGas Pte Ltd		
(a) Diversion		
NEA (Pollution Control)		
(a) Planning/Submission		
(b) Inspection		

SECTION 4

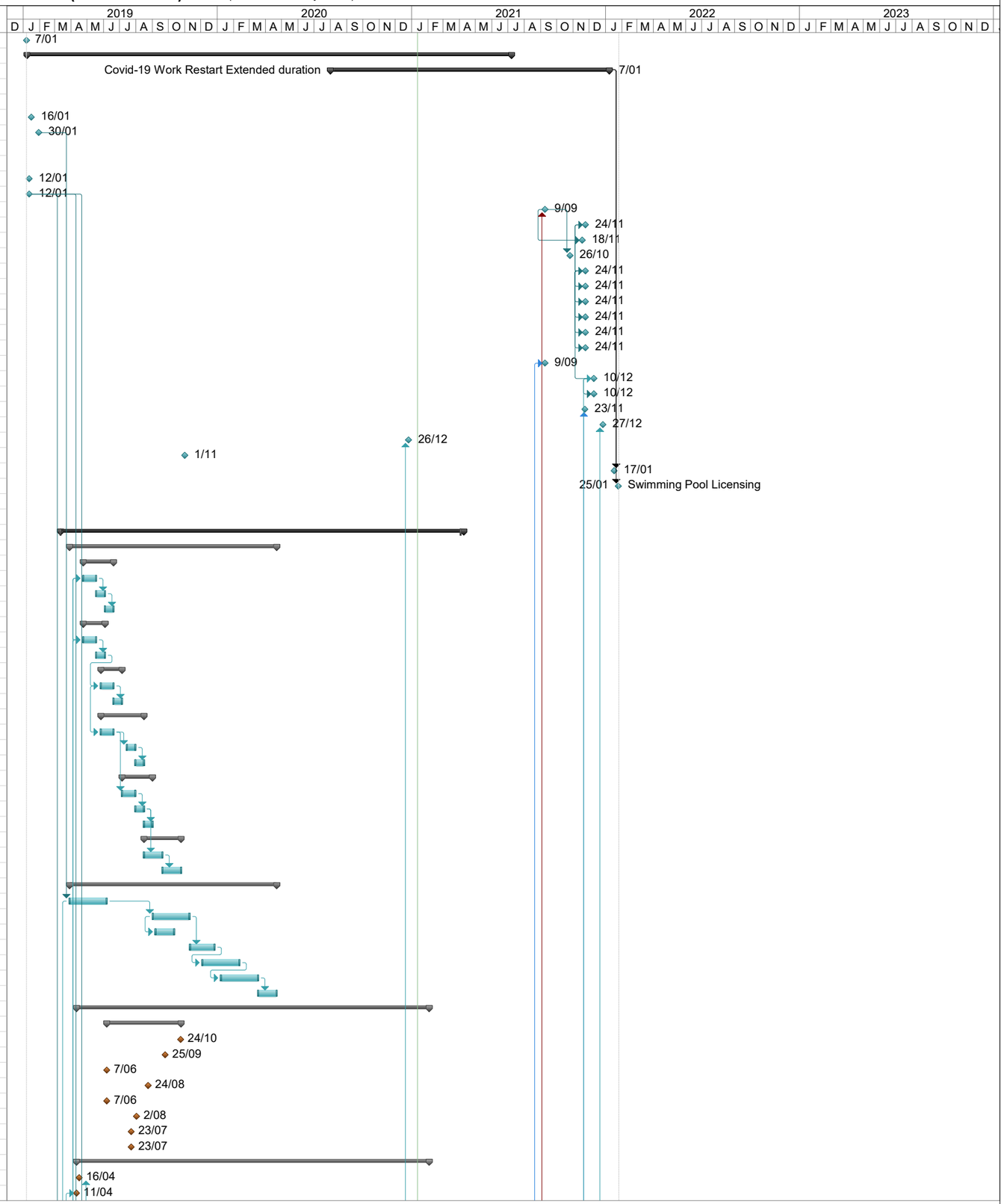
PROGRAMME

4.1 Overall Programme – Refer to Attached Programme

ID	TASK NAME	MONTHS	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1.	Preliminary Planning																									
2.	Planning Submission																									
3.	Detail Design																									
4.	BP Submission																									
5.	BP Submission (Amendments)																									
6.	Tender Period for Piling																									
7.	Tender Period for Sub-Structure																									
8.	Tender Period for Super-Structure																									
9.	Piling Period																									
10.	Sub-Structure Construction Period																									
11.	Super-Structure Construction Period																									
12.	TOP																									
13.	CSC																									

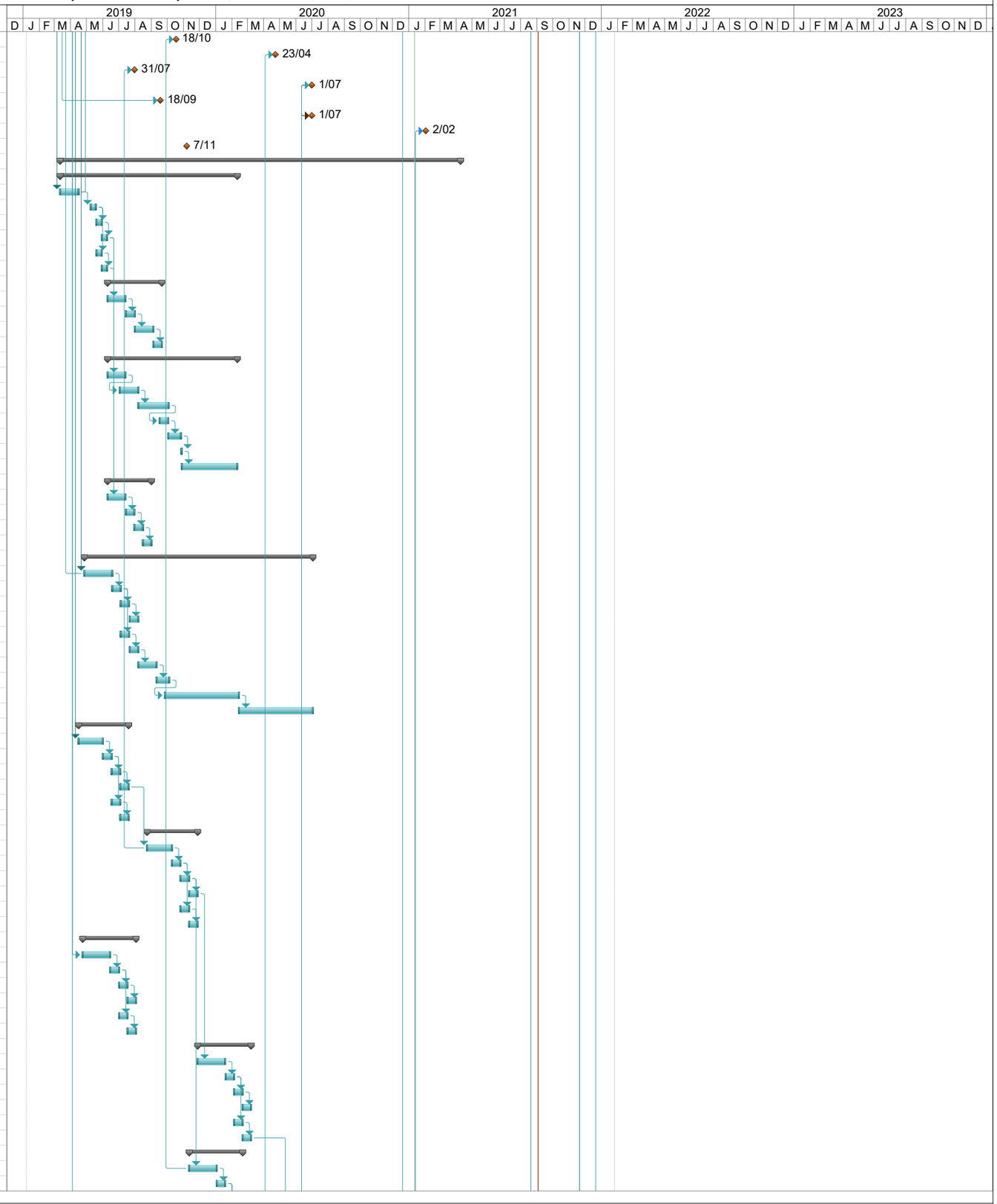
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1	Date of LOA	**0 days**	**Mon 7/01/19**	**Mon 7/01/19**	
2	**Contract Duration**	**782 days**	**Tue 8/01/19**	**Wed 7/07/21**	
3	**Covid-19 Work Restart Extended Duration**	**450 days**	**Sat 1/08/20**	**Fri 7/01/22**	
4					
5	Issure BP Drawings				
6	1st Issurance of Construction Drawings	0 days	Wed 16/01/19	Wed 16/01/19	
7	2nd Issurance of Construction Drawings	0 days	Wed 30/01/19	Wed 30/01/19	
8					
9	Project Milestone				
10	Obtain factory Permit	0 days	Sat 12/01/19	Sat 12/01/19	
11	Commencement of the work	0 days	Sat 12/01/19	Sat 12/01/19	
12	Handover Sub-station to Power grid	0 days	Thu 9/09/21	Thu 9/09/21	327FS+45 days
13	TFCC Inspection	0 days	Wed 24/11/21	Wed 24/11/21	23SS-14 days
14	MDF / TEL Riser / Tray Handing Over	0 days	Thu 18/11/21	Thu 18/11/21	12SS+60 days
15	Pre Turn on Inspection by Power grid	0 days	Tue 26/10/21	Tue 26/10/21	12FS+40 days
16	SP Services Inspection of Unit Electrical Installation	0 days	Wed 24/11/21	Wed 24/11/21	13SS
17	SCV Inspection for cable Readlines Certificate	0 days	Wed 24/11/21	Wed 24/11/21	16SS
18	Singtel and SCV Inspection	0 days	Wed 24/11/21	Wed 24/11/21	16SS
19	Lightning Protection in house Readiness	0 days	Wed 24/11/21	Wed 24/11/21	16SS
20	Sanitary Works Inspection in house & by PUB	0 days	Wed 24/11/21	Wed 24/11/21	16SS
21	Ejector / Sump Pumps Inspection by PUB	0 days	Wed 24/11/21	Wed 24/11/21	16SS
22	Water turn on	0 days	Thu 9/09/21	Thu 9/09/21	736FS-21 days
23	Pre M&E RI Inspection	0 days	Fri 10/12/21	Fri 10/12/21	**1846FS-7 days**
24	Pre Archi RI Inspection	0 days	Fri 10/12/21	Fri 10/12/21	**23SS**
25	Household shelter Commissioning by BCA	0 days	Tue 23/11/21	Tue 23/11/21	1765FS+7 days
26	LTA (Vehicle Parking) Inspection	0 days	Mon 27/12/21	Mon 27/12/21	1826FS+14 days
27	Certificate of Lift Maintenance and Testing	0 days	Sat 26/12/20	Sat 26/12/20	1812FS+21 days
28	Finalization of Cool and Warm Scheme for unit finishing	0 days	Fri 1/11/19	Fri 1/11/19	
29	Main swimming pool Inspection by Authority	0 days	Mon 17/01/22	Mon 17/01/22	3FS+7 days
30	Swimming pool License (Aquire 2 weeks after TOP)	0 days	Tue 25/01/22	Tue 25/01/22	3FS+14 days
31					
32					
33	**Design & Approval**	**646 days**	**Tue 12/03/19**	**Fri 2/04/21**	
34	**Structural Design & Approval**	**334 days**	**Fri 29/03/19**	**Tue 21/04/20**	
35	**Foundation**	**49 days**	**Wed 24/04/19**	**Wed 19/06/19**	
36	Foundation Design (Raft Foundation)	21 days	Wed 24/04/19	Fri 17/05/19	235FS-20 days
37	AC Submission & Approval	14 days	Sat 18/05/19	Mon 3/06/19	36
38	BCA Submission & Approval	14 days	Tue 4/06/19	Wed 19/06/19	37
39	**TERS / ERSS Submission & Approval**	**35 days**	**Wed 24/04/19**	**Mon 3/06/19**	
40	Sub-Structure Design (CBP, Soldier Pile)	21 days	Wed 24/04/19	Fri 17/05/19	36SS
41	BCA Submission & Approval	14 days	Sat 18/05/19	Mon 3/06/19	40
42	**Staircase Shelter**	**35 days**	**Mon 27/05/19**	**Fri 5/07/19**	
43	SS Design	21 days	Mon 27/05/19	Wed 19/06/19	41FS-7 days
44	BCA Submission & Approval	14 days	Thu 20/06/19	Fri 5/07/19	43
45	**Sub-Structure**	**70 days**	**Mon 27/05/19**	**Thu 15/08/19**	
46	Sub-Structure Design	21 days	Mon 27/05/19	Wed 19/06/19	43SS
47	AC Submission & Approval	14 days	Mon 15/07/19	Tue 30/07/19	46
48	BCA Approval	14 days	Wed 31/07/19	Thu 15/08/19	47
49	**Superstructure**	**49 days**	**Sat 6/07/19**	**Sat 31/08/19**	
50	Superstructure Design	21 days	Sat 6/07/19	Tue 30/07/19	46FS-7 days
51	AC Submission & Approval	14 days	Wed 31/07/19	Thu 15/08/19	50
52	BCA Submission & Approval	14 days	Fri 16/08/19	Sat 31/08/19	51
53	**External Works Design & Approval**	**60 days**	**Fri 16/08/19**	**Thu 24/10/19**	
54	External Works Design & Approval	30 days	Fri 16/08/19	Thu 19/09/19	51FS-7 days
55	LTA / CBPU / NPARKS / BCA / BCA Approval	30 days	Fri 20/09/19	Thu 24/10/19	54
56	**M&E Authority Submission**	**334 days**	**Fri 29/03/19**	**Tue 21/04/20**	
57	SP Services (ESS)	60 days	Fri 29/03/19	Thu 6/06/19	7FS+50 days
58	TFCC	60 days	Mon 2/09/19	Sat 9/11/19	57FS+74 days
59	Jet Fan (FSSD & BCA)	30 days	Sat 7/09/19	Fri 11/10/19	58SS+5 days
60	PUB (Sewer)	40 days	Mon 11/11/19	Thu 26/12/19	58
61	PUB (Water)	60 days	Wed 4/12/19	Tue 11/02/20	60FS-20 days
62	GAS	60 days	Wed 8/01/20	Tue 17/03/20	61FS-30 days
63	FSSD	30 days	Wed 18/03/20	Tue 21/04/20	62
64	**Confirmation of Subcontractors**	**569 days**	**Thu 11/04/19**	**Tue 2/02/21**	
65	**Confirmation & Appointment of M&E Subcontractors**	**120 days**	**Fri 7/06/19**	**Thu 24/10/19**	
66	Fire Protection & FAS	1 day	Thu 24/10/19	Thu 24/10/19	
67	GAS	1 day	Wed 25/09/19	Wed 25/09/19	
68	Electrical	1 day	Fri 7/06/19	Fri 7/06/19	
69	Plumbing & Sanitary	1 day	Sat 24/08/19	Sat 24/08/19	
70	TAS & SCV	1 day	Fri 7/06/19	Fri 7/06/19	
71	ACMV	1 day	Fri 2/08/19	Fri 2/08/19	
72	Lift	1 day	Tue 23/07/19	Tue 23/07/19	
73	Swimming Pool & Water Feature	1 day	Tue 23/07/19	Tue 23/07/19	
74	**Confirmation of Domestic Subcontractors**	**569 days**	**Thu 11/04/19**	**Tue 2/02/21**	
75	PBU Specialist (Prefabricated Bathroom Unit)	1 day	Tue 16/04/19	Tue 16/04/19	87
76	Aluminium & Glazing	1 day	Thu 11/04/19	Thu 11/04/19	112SS-14 days



Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
77	Tile & Stone	1 day	Fri 18/10/19	Fri 18/10/19	151SS-21 days
78	Cabinetry	1 day	Thu 23/04/20	Thu 23/04/20	158SS-21 days
79	Ironmongery	1 day	Wed 31/07/19	Wed 31/07/19	130SS-21 days
80	Supply of Kitchen Appliances	1 day	Wed 1/07/20	Wed 1/07/20	162SS-21 days
81	Supply of Sanitary Wares	1 day	Wed 18/09/19	Wed 18/09/19	57SS
82	Supply of Fitments & Assessories	1 day	Wed 1/07/20	Wed 1/07/20	80SS
83	Signages	1 day	Tue 2/02/21	Tue 2/02/21	528FS-210 days
84	Softscape Works	1 day	Thu 7/11/19	Thu 7/11/19	
85	**Shop Drawings / Materials Submission for Architectural Works**	**651 days?**	**Tue 12/03/19**	**Thu 8/04/21**	
86	**PBU (Prefabricated Bathroom Unit)**	**288 days**	**Tue 12/03/19**	**Mon 10/02/20**	
87	Shopdrawings Praparation & Submission	30 days	Tue 12/03/19	Mon 15/04/19	11FS+50 days
88	Shopdrawings Review & Comments	9 days	Thu 9/05/19	Sat 18/05/19	87
89	Shopdrawings Resubmission	9 days	Mon 20/05/19	Wed 29/05/19	88
90	Shopdrawings Review & Acceptance	9 days	Thu 30/05/19	Sat 8/06/19	89
91	Materials Sample Submission	9 days	Mon 20/05/19	Wed 29/05/19	88
92	Materials Review & Acceptance	9 days	Thu 30/05/19	Sat 8/06/19	91
93	**Mock-Up**	**89 days**	**Mon 10/06/19**	**Fri 20/09/19**	
94	Steel Mould Fabrication	30 days	Mon 10/06/19	Sat 13/07/19	92
95	Casting	15 days	Mon 15/07/19	Wed 31/07/19	94
96	Finish Installation	30 days	Thu 1/08/19	Wed 4/09/19	95
97	Inspection and approval	14 days	Thu 5/09/19	Fri 20/09/19	96
98	**Mass Production of PBU**	**211 days**	**Mon 10/06/19**	**Mon 10/02/20**	
99	Shopdrawings Preparation & Submission	30 days	Mon 10/06/19	Sat 13/07/19	90
100	Shopdrawings Review & Acceptance	30 days	Wed 3/07/19	Tue 6/08/19	99FS-10 days
101	Steel mould fabrications	50 days	Wed 7/08/19	Thu 3/10/19	100
102	1st batch Casting	14 days	Tue 17/09/19	Wed 2/10/19	101FS-15 days
103	1st batch finish	21 days	Thu 3/10/19	Sat 26/10/19	102
104	1st batch installation from 1st sty	1 day	Mon 28/10/19	Mon 28/10/19	103
105	Fabrication, Delivery & Installation (Entire Project)	90 days	Tue 29/10/19	Mon 10/02/20	104
106	**Non PBU Bathroom**	**72 days**	**Mon 10/06/19**	**Sat 31/08/19**	
107	Shopdrawings Praparation & Submission	30 days	Mon 10/06/19	Sat 13/07/19	90
108	Shopdrawings Review & Comments	14 days	Mon 15/07/19	Tue 30/07/19	107
109	Shopdrawings Resubmission	14 days	Wed 31/07/19	Thu 15/08/19	108
110	Shopdrawings Review & Acceptance	14 days	Fri 16/08/19	Sat 31/08/19	109
111	**Aluminium & Glazing (Inclusive Curtain Wall)**	**371 days**	**Sat 27/04/19**	**Thu 2/07/20**	
112	Shopdrawings Praparation & Submission	45 days	Sat 27/04/19	Tue 18/06/19	11FS+90 days
113	Shopdrawings Review & Comments	14 days	Wed 19/06/19	Thu 4/07/19	112
114	Shopdrawings Resubmission	14 days	Fri 5/07/19	Sat 20/07/19	113
115	Shopdrawings Review & Acceptance	14 days	Mon 22/07/19	Tue 6/08/19	114
116	Material Sample Submission	14 days	Fri 5/07/19	Sat 20/07/19	113
117	Material Review & Acceptance	14 days	Mon 22/07/19	Tue 6/08/19	116
118	**Prototype Mock-Up for Curtain Wall**	**30 days**	**Wed 7/08/19**	**Tue 10/09/19**	**117**
119	Procurement	21 days	Wed 11/09/19	Fri 4/10/19	118
120	Fabrication	120 days	Fri 27/09/19	Thu 13/02/20	119FS-7 days
121	Delivery & Installation	120 days	Fri 14/02/20	Thu 2/07/20	120
122	**Wall Layout & Setting Out Drawings (B1 to Attic Storey)**	**82 days**	**Tue 16/04/19**	**Fri 19/07/19**	
123	Shopdrawings Praparation & Submission	40 days	Tue 16/04/19	Fri 31/05/19	11FS+80 days
124	Shopdrawings Review & Comments	14 days	Sat 1/06/19	Mon 17/06/19	123
125	Shopdrawings Resubmission	14 days	Tue 18/06/19	Wed 3/07/19	124
126	Shopdrawings Review & Acceptance	14 days	Thu 4/07/19	Fri 19/07/19	125
127	Material Sample Submission	14 days	Tue 18/06/19	Wed 3/07/19	124
128	Material Review & Acceptance	14 days	Thu 4/07/19	Fri 19/07/19	127
129	**Door & Door Frames Shopdrawings & Materials**	**82 days**	**Sat 24/08/19**	**Wed 27/11/19**	
130	Shopdrawings Praparation & Submission	40 days	Sat 24/08/19	Wed 9/10/19	126FS+30 days
131	Shopdrawings Review & Comments	14 days	Thu 10/10/19	Fri 25/10/19	130
132	Shopdrawings Resubmission	14 days	Sat 26/10/19	Mon 11/11/19	131
133	Shopdrawings Review & Acceptance	14 days	Tue 12/11/19	Wed 27/11/19	132
134	Material Sample Submission	14 days	Sat 26/10/19	Mon 11/11/19	131
135	Material Review & Acceptance	14 days	Tue 12/11/19	Wed 27/11/19	134
136	**Waterproofing Shopdrawings & Materials**	**87 days**	**Wed 24/04/19**	**Fri 2/08/19**	
137	Shopdrawings Praparation & Submission	45 days	Wed 24/04/19	Fri 14/06/19	40SS
138	Shopdrawings Review & Comments	14 days	Sat 15/06/19	Mon 1/07/19	137
139	Shopdrawings Resubmission	14 days	Tue 2/07/19	Wed 17/07/19	138
140	Shopdrawings Review & Acceptance	14 days	Thu 18/07/19	Fri 2/08/19	139
141	Material Sample Submission	14 days	Tue 2/07/19	Wed 17/07/19	138
142	Material Review & Acceptance	14 days	Thu 18/07/19	Fri 2/08/19	141
143	**Ceiling Shopdrawings & Materials**	**87 days**	**Thu 28/11/19**	**Sat 7/03/20**	
144	Shopdrawings Praparation & Submission	45 days	Thu 28/11/19	Sat 18/01/20	133
145	Shopdrawings Review & Comments	14 days	Mon 20/01/20	Tue 4/02/20	144
146	Shopdrawings Resubmission	14 days	Wed 5/02/20	Thu 20/02/20	145
147	Shopdrawings Review & Acceptance	14 days	Fri 21/02/20	Sat 7/03/20	146
148	Material Sample Submission	14 days	Wed 5/02/20	Thu 20/02/20	145
149	Material Review & Acceptance	14 days	Fri 21/02/20	Sat 7/03/20	148
150	**Floor & Wall Tile Setting Out Shopdrawings & Materials**	**87 days**	**Tue 12/11/19**	**Thu 20/02/20**	
151	Shopdrawings Praparation & Submission	45 days	Tue 12/11/19	Thu 2/01/20	132
152	Shopdrawings Review & Comments	14 days	Fri 3/01/20	Sat 18/01/20	151

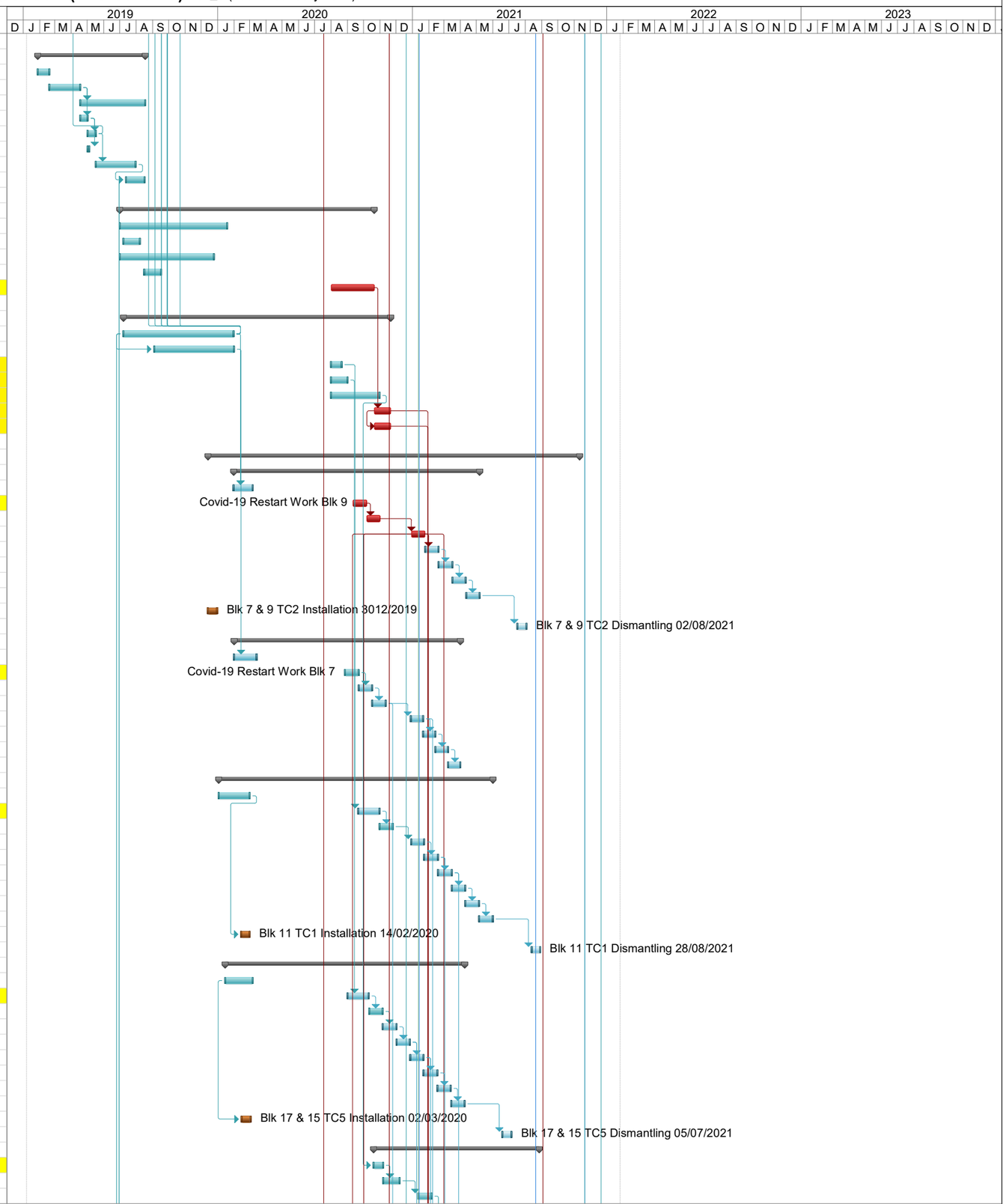


ID	Task Name	Duration	Start	Finish	Predecessors
153	Shopdrawings Resubmission	14 days	Mon 20/01/20	Tue 4/02/20	152
154	Shopdrawings Review & Acceptance	14 days	Wed 5/02/20	Thu 20/02/20	153
155	Material Sample Submission	14 days	Mon 20/01/20	Tue 4/02/20	152
156	Material Review & Acceptance	14 days	Wed 5/02/20	Thu 20/02/20	155
157	**Kitchen, Cabinet, Wardrobes, Vanity & etc. Shopdrawings & Materials**	**87 days**	**Mon 18/05/20**	**Wed 26/08/20**	
158	Shopdrawings Preparation & Submission	45 days	Mon 18/05/20	Wed 8/07/20	149FS+60 days
159	Shopdrawings Review & Comments	14 days	Thu 9/07/20	Fri 24/07/20	158
160	Shopdrawings Resubmission	14 days	Sat 25/07/20	Mon 10/08/20	159
161	Shopdrawings Review & Acceptance	14 days	Tue 11/08/20	Wed 26/08/20	160
162	Material Sample Submission	14 days	Sat 25/07/20	Mon 10/08/20	159
163	Material Review & Acceptance	14 days	Tue 11/08/20	Wed 26/08/20	162
164	**M&E Shopdrawings, Material Submission & Approval**	**147 days**	**Fri 13/09/19**	**Mon 2/03/20**	
165	**Fire Protection**	**73 days**	**Fri 18/10/19**	**Fri 10/01/20**	
166	Shopdrawings Preparation & Submission	45 days	Fri 18/10/19	Mon 9/12/19	248FS-90 days
167	Shopdrawings Review & Acceptance	14 days	Tue 10/12/19	Wed 25/12/19	166
168	Material Sample Submission	14 days	Tue 10/12/19	Wed 25/12/19	166
169	Material Review & Acceptance	14 days	Thu 26/12/19	Fri 10/01/20	168
170	**Gas**	**73 days**	**Fri 18/10/19**	**Fri 10/01/20**	
171	Shopdrawings Preparation & Submission	45 days	Fri 18/10/19	Mon 9/12/19	248FS-90 days
172	Shopdrawings Review & Acceptance	14 days	Tue 10/12/19	Wed 25/12/19	171
173	Material Sample Submission	14 days	Tue 10/12/19	Wed 25/12/19	171
174	Material Review & Acceptance	14 days	Thu 26/12/19	Fri 10/01/20	173
175	**Electrical**	**73 days**	**Mon 7/10/19**	**Mon 30/12/19**	
176	Shopdrawings Preparation & Submission	45 days	Mon 7/10/19	Wed 27/11/19	248FS-100 days
177	Shopdrawings Review & Acceptance	14 days	Thu 28/11/19	Fri 13/12/19	176
178	Material Sample Submission	14 days	Thu 28/11/19	Fri 13/12/19	176
179	Material Review & Acceptance	14 days	Sat 14/12/19	Mon 30/12/19	178
180	**Plumbing & Sanitary**	**88 days**	**Mon 7/10/19**	**Thu 16/01/20**	
181	Shopdrawings Preparation & Submission	60 days	Mon 7/10/19	Sat 14/12/19	248FS-100 days
182	Shopdrawings Review & Acceptance	14 days	Mon 16/12/19	Tue 31/12/19	181
183	Material Sample Submission	14 days	Mon 16/12/19	Tue 31/12/19	181
184	Material Review & Acceptance	14 days	Wed 1/01/20	Thu 16/01/20	183
185	**TAS / SCV**	**88 days**	**Fri 18/10/19**	**Tue 28/01/20**	
186	Shopdrawings Preparation & Submission	60 days	Fri 18/10/19	Thu 26/12/19	248FS-90 days
187	Shopdrawings Review & Acceptance	14 days	Fri 27/12/19	Sat 11/01/20	186
188	Material Sample Submission	14 days	Fri 27/12/19	Sat 11/01/20	186
189	Material Review & Acceptance	14 days	Mon 13/01/20	Tue 28/01/20	188
190	**ACMV**	**73 days**	**Mon 11/11/19**	**Mon 3/02/20**	
191	Shopdrawings Preparation & Submission	45 days	Mon 11/11/19	Wed 1/01/20	248FS-70 days
192	Shopdrawings Review & Acceptance	14 days	Thu 2/01/20	Fri 17/01/20	191
193	Material Sample Submission	14 days	Thu 2/01/20	Fri 17/01/20	191
194	Material Review & Acceptance	14 days	Sat 18/01/20	Mon 3/02/20	193
195	**Lift**	**88 days**	**Fri 13/09/19**	**Tue 24/12/19**	
196	Shopdrawings Preparation & Submission	60 days	Fri 13/09/19	Thu 21/11/19	248FS-120 days
197	Shopdrawings Review & Acceptance	14 days	Fri 22/11/19	Sat 7/12/19	196
198	Material Sample Submission	14 days	Fri 22/11/19	Sat 7/12/19	196
199	Material Review & Acceptance	14 days	Mon 9/12/19	Tue 24/12/19	198
200	**Swimming Pool, Water Features & Miscellaneous**	**88 days**	**Wed 25/09/19**	**Sat 4/01/20**	
201	Shopdrawings Preparation & Submission	60 days	Wed 25/09/19	Tue 3/12/19	248FS-110 days
202	Shopdrawings Review & Acceptance	14 days	Wed 4/12/19	Thu 19/12/19	201
203	Material Sample Submission	14 days	Wed 4/12/19	Thu 19/12/19	201
204	Material Review & Acceptance	14 days	Fri 20/12/19	Sat 4/01/20	203
205	Combine Services Drawings	45 days	Fri 10/01/20	Mon 2/03/20	194FS-21 days
206	Concrete Body Plan	45 days	Fri 10/01/20	Mon 2/03/20	205SS
207	**Landscape Shopdrawing, Material Submission & Approval**	**210 days?**	**Fri 7/08/20**	**Thu 8/04/21**	
208	**Hardscape Shopdrawings, Material Submission & Approval**	**110 days**	**Wed 2/12/20**	**Thu 8/04/21**	
209	Pavilions Shopdrawings Preparation, Submission & Approval	30 days	Wed 2/12/20	Tue 5/01/21	333SS-50 days
210	Auto Irrigation Shop Drawings Preparation, Submission & Approval	30 days	Wed 2/12/20	Tue 5/01/21	209SS
211	BBQ Deck with Seating Area Shopdrawings Preparation, Submission & Approval	30 days	Fri 25/12/20	Thu 28/01/21	209FS-10 days
212	Play Area Shopdrawings Preparation, Submission & Approval	30 days	Mon 18/01/21	Sat 20/02/21	211FS-10 days
213	Outdoor Fitness Shopdrawings Preaparation, Submission & Approval	30 days	Wed 10/02/21	Tue 16/03/21	212FS-10 days
214	Picnic Lawn & etc Shopdrawings Preparation, Submission & Approval	30 days	Fri 5/03/21	Thu 8/04/21	213FS-10 days
215	**Softscape Shopdrawings Submission & Approval**	**59 days?**	**Fri 7/08/20**	**Wed 14/10/20**	
216	Shopdrawings Preparation & Submission	45 days	Fri 7/08/20	Mon 28/09/20	333SS-150 days
217	Shopdrawings Review & Acceptance	14 days	Tue 29/09/20	Wed 14/10/20	216
218					
219	**Site Preparation**	**81 days**	**Fri 11/01/19**	**Mon 15/04/19**	
220	Pre-condition survey	31 days	Fri 11/01/19	Fri 15/02/19	
221	CCTV Survey for existing sewer pipe	31 days	Fri 11/01/19	Fri 15/02/19	
222	Cable detection for site	39 days	Tue 15/01/19	Thu 28/02/19	
223	Temp water supply application	51 days	Fri 15/02/19	Mon 15/04/19	
224	Pre-Computation plan submission	27 days	Thu 17/01/19	Sat 16/02/19	
225	ERSS Submission & Approval	55 days	Fri 25/01/19	Fri 29/03/19	
226	ECM Submission & Approval	43 days	Fri 25/01/19	Fri 15/03/19	
227	Site Setting Out Works	9 days	Fri 11/01/19	Mon 21/01/19	220SS
228	Hoarding Works	30 days	Tue 22/01/19	Mon 25/02/19	227



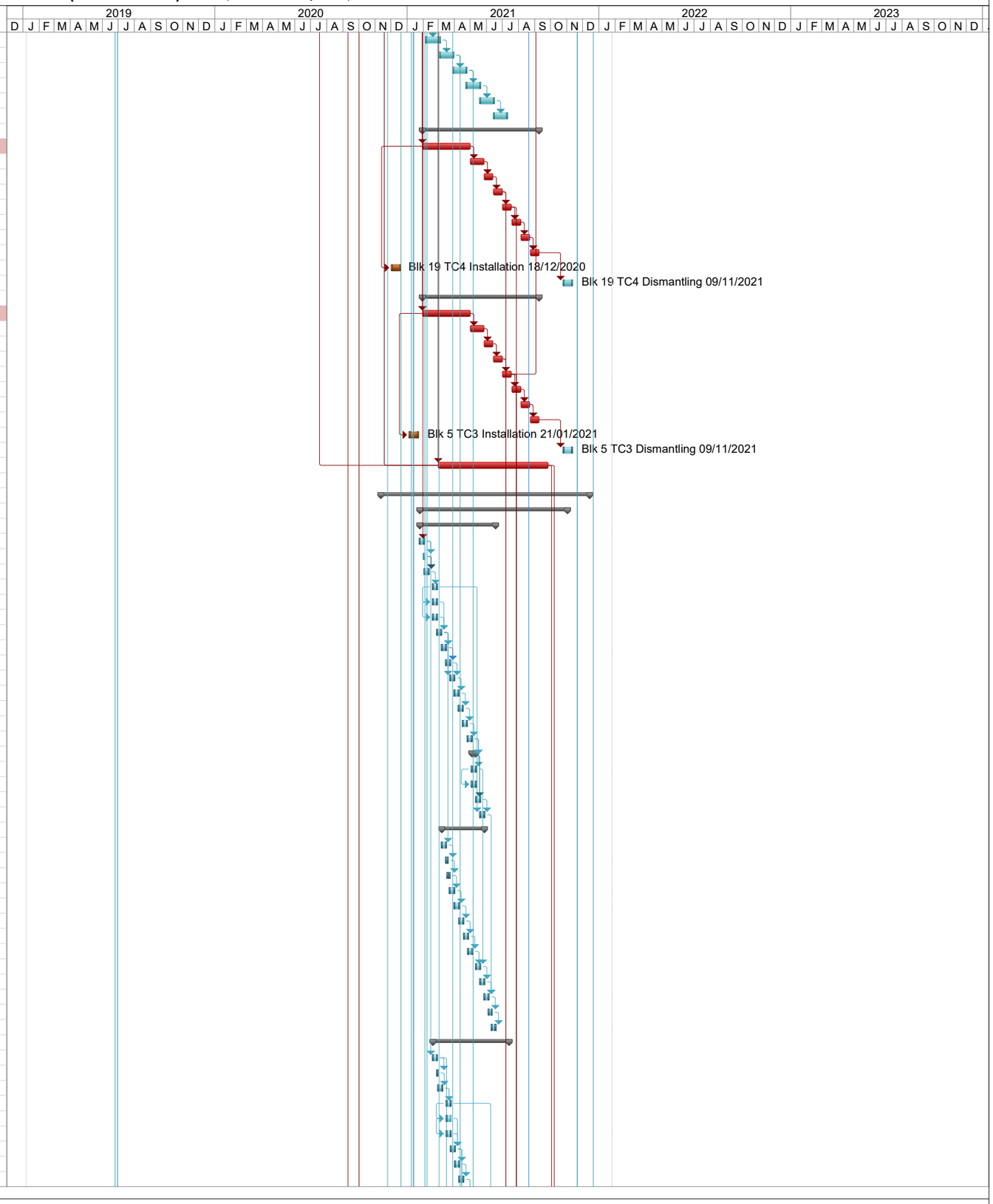
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
229					
230	**Demolition Work**	**174 days**	**Mon 28/01/19**	**Sat 17/08/19**	
231	Asbestos Survey report & submission to MOM	19 days	Mon 28/01/19	Mon 18/02/19	
232	Asbestos inpection by MOM	50 days	Tue 19/02/19	Wed 17/04/19	
233	Asbestos Removal (26 refuse chutes, 73 toilets)	105 days	Thu 18/04/19	Sat 17/08/19	232
234	ST submisson to BCA for demolition work	12 days	Thu 18/04/19	Wed 1/05/19	232
235	Obtain approval for demolition work	13 days	Thu 2/05/19	Thu 16/05/19	234
236	Additional Instrumentation & Monitoring Works	3 days	Thu 2/05/19	Sat 4/05/19	234
237	Demolition tower & foundation (4 plots with swimming pool)	64 days	Fri 17/05/19	Tue 30/07/19	235
238	Steel Pile Extraction Works	30 days	Sat 13/07/19	Fri 16/08/19	237FS-15 days
239					
240	**Piling work**	**410 days**	**Mon 1/07/19**	**Tue 20/10/20**	
241	Installation of temp CBP, sheet pile and king post	174 days	Mon 1/07/19	Sat 18/01/20	
242	Ultimate Load Test	27 days	Mon 8/07/19	Wed 7/08/19	
243	Installation of working pile	152 days	Mon 1/07/19	Tue 24/12/19	
244	Working Load Test	27 days	Fri 16/08/19	Mon 16/09/19	
245	Sheet Piling with Waler @ Block 19 & 5	69 days	Sat 1/08/20	Tue 20/10/20	
246					
247	**Excavation Work**	**431 days**	**Mon 8/07/19**	**Fri 20/11/20**	
248	Excavation work (BLK 9)	178 days	Mon 8/07/19	Thu 30/01/20	
249	Excavation work (BLK 7)	129 days	Wed 4/09/19	Fri 31/01/20	248SS+50 days
250	Excavation work & strutting work (BLK 11)	17 days	Sat 1/08/20	Thu 20/08/20	
251	Excavation work & struting work (BLK 17)	26 days	Sat 1/08/20	Mon 31/08/20	
252	Excavation work & struting work (BLK 15)	78 days	Sat 1/08/20	Fri 30/10/20	
253	Excavation work & struting work (BLK 19)	27 days	Wed 21/10/20	Fri 20/11/20	245
254	Excavation work & struting work (BLK 5)	27 days	Wed 21/10/20	Fri 20/11/20	253SS
255					
256	**Structure Work**	**598 days**	**Sat 14/12/19**	**Wed 10/11/21**	
257	**Block 9**	**396 days**	**Fri 31/01/20**	**Thu 6/05/21**	
258	Basement 1 Horizontal & Vertical Elements	31 days	Fri 31/01/20	Fri 6/03/20	248
259	1st Sty Horizontal & Vertical Elements	22 days	Fri 11/09/20	Tue 6/10/20	
260	2nd Sty Horizontal & Vertical Elements	22 days	Wed 7/10/20	Sat 31/10/20	259
261	3rd Sty Horizontal & Vertical Elements*	22 days	Wed 30/12/20	Sat 23/01/21	260FS+50 days
262	4th Sty Horizontal & Vertical Elements	22 days	Mon 25/01/21	Thu 18/02/21	261
263	5th Sty Horizontal & Vertical Elements	22 days	Fri 19/02/21	Tue 16/03/21	262
264	Attic Sty Horizontal & Vertical Elements	22 days	Wed 17/03/21	Sat 10/04/21	263
265	Roof Horizontal & Vertical Elements	22 days	Mon 12/04/21	Thu 6/05/21	264
266	Tower Crane 2 Installation	14 days	Sat 14/12/19	Mon 30/12/19	
267	Tower Crane 2 Dismantle	14 days	Sat 17/07/21	Mon 2/08/21	265FS+40 days
268	**Block 7**	**364 days**	**Sat 1/02/20**	**Wed 31/03/21**	
269	Basement 1 Horizontal & Vertical Elements	36 days	Sat 1/02/20	Fri 13/03/20	249
270	1st Sty Horizontal & Vertical Elements	22 days	Thu 27/08/20	Mon 21/09/20	
271	2nd Sty Horizontal & Vertical Elements	22 days	Tue 22/09/20	Fri 16/10/20	270
272	3rd Sty Horizontal & Vertical Elements	22 days	Sat 17/10/20	Wed 11/11/20	271
273	4th Sty Horizontal & Vertical Elements*	20 days	Tue 29/12/20	Wed 20/01/21	272FS+40 days
274	5th Sty Horizontal & Vertical Elements	20 days	Thu 21/01/21	Fri 12/02/21	273
275	Attic Sty Horizontal & Vertical Elements	20 days	Sat 13/02/21	Mon 8/03/21	274
276	Roof Horizontal & Vertical Elements	20 days	Tue 9/03/21	Wed 31/03/21	275
277	**Block 11**	**441 days**	**Fri 3/01/20**	**Mon 31/05/21**	
278	Top Down Slab (Capping Beam & Slab)	50 days	Fri 3/01/20	Sat 29/02/20	
279	Basement 1 Horizontal & Vertical Elements	35 days	Mon 21/09/20	Fri 30/10/20	250
280	1st Sty Horizontal & Vertical Elements	21 days	Sat 31/10/20	Tue 24/11/20	279
281	2nd Sty Horizontal & Vertical Elements*	21 days	Wed 30/12/20	Fri 22/01/21	280FS+30 days
282	3rd Sty Horizontal & Vertical Elements	22 days	Sat 23/01/21	Wed 17/02/21	281
283	4th Sty Horizontal & Vertical Elements	22 days	Thu 18/02/21	Mon 15/03/21	282
284	5th Sty Horizontal & Vertical Elements	22 days	Tue 16/03/21	Fri 9/04/21	283
285	Attic Sty Horizontal & Vertical Elements	22 days	Sat 10/04/21	Wed 5/05/21	284
286	Roof Horizontal & Vertical Elements	22 days	Thu 6/05/21	Mon 31/05/21	285
287	Tower Crane 1 Installation	14 days	Fri 14/02/20	Sat 29/02/20	278FS-14 days
288	Tower Crane 1 Dismantle	14 days	Fri 13/08/21	Sat 28/08/21	286FS+40 days
289	**Block 17**	**386 days**	**Wed 15/01/20**	**Thu 8/04/21**	
290	Top Down Slab (Capping Beam & Slab)	45 days	Wed 15/01/20	Fri 6/03/20	
291	Basement 1 slab, wall and columns	35 days	Tue 1/09/20	Sat 10/10/20	251
292	1st Sty Horizontal & Vertical Elements	22 days	Mon 12/10/20	Thu 5/11/20	291
293	2nd Sty Horizontal & Vertical Elements	22 days	Fri 6/11/20	Tue 1/12/20	292
294	3rd Sty Horizontal & Vertical Elements	22 days	Wed 2/12/20	Sat 26/12/20	293
295	4th Sty Horizontal & Vertical Elements	22 days	Mon 28/12/20	Thu 21/01/21	294
296	5th Sty Horizontal & Vertical Elements	22 days	Fri 22/01/21	Tue 16/02/21	295
297	Attic Sty Horizontal & Vertical Elements	22 days	Wed 17/02/21	Sat 13/03/21	296
298	Roof Horizontal & Vertical Elements	22 days	Mon 15/03/21	Thu 8/04/21	297
299	Tower Crane 5 Installation	14 days	Sat 15/02/20	Mon 2/03/20	290SS+27 days
300	Tower Crane 5 Dismantle	14 days	Sat 19/06/21	Mon 5/07/21	298FS+40 days
301	**Block 15**	**267 days**	**Tue 20/10/20**	**Thu 26/08/21**	
302	Top Down Slab (Capping Beam & Slab)	16 days	Tue 20/10/20	Fri 6/11/20	252FS-10 days
303	Basement 1 slab, wall and columns	26 days	Sat 7/11/20	Mon 7/12/20	302
304	1st Sty Horizontal & Vertical Elements*	22 days	Tue 12/01/21	Fri 5/02/21	303FS+30 days



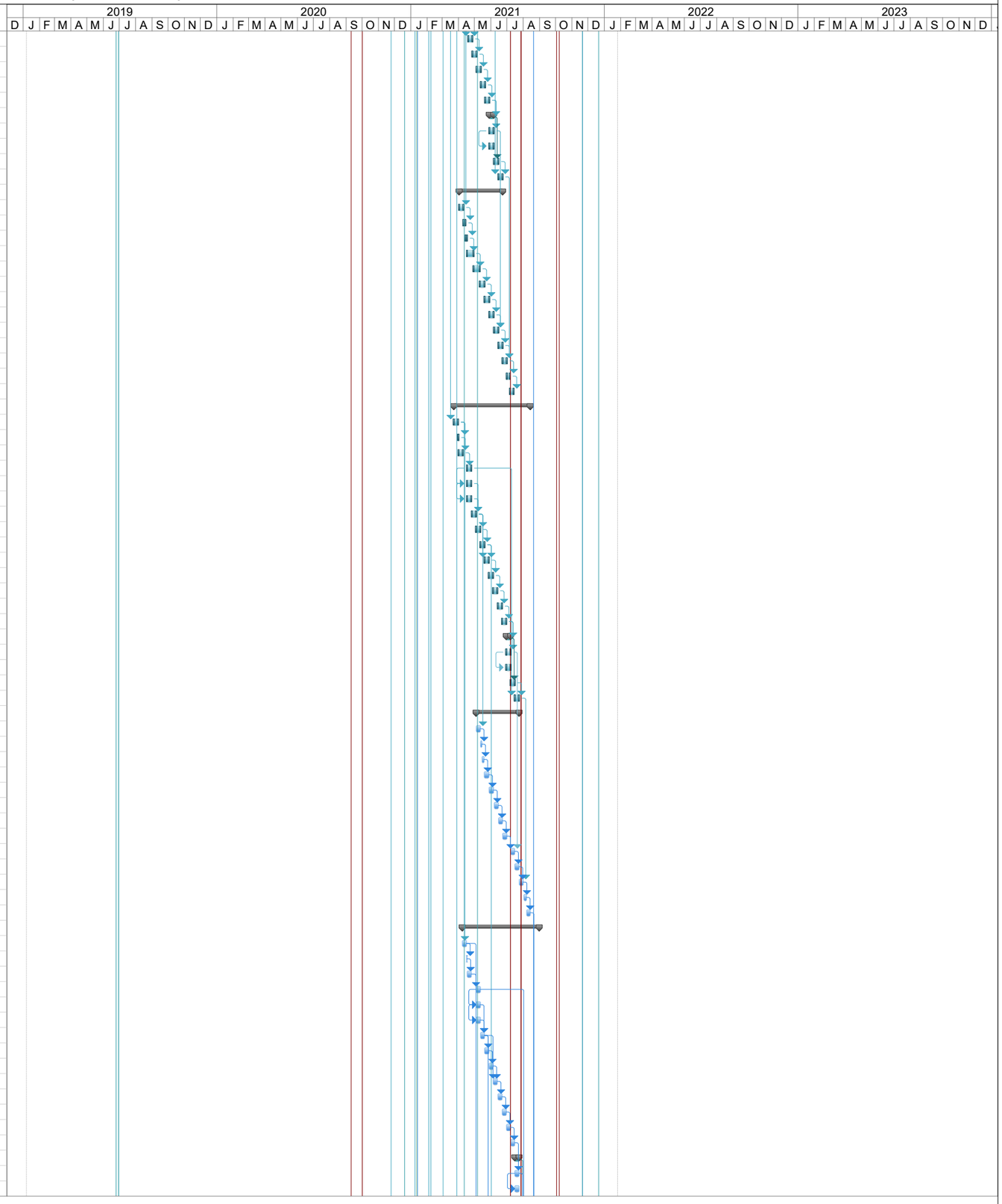
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
305	2nd Sty Horizontal & Vertical Elements	22 days	Sat 6/02/21	Wed 3/03/21	304
306	3rd Sty Horizontal & Vertical Elements	22 days	Thu 4/03/21	Mon 29/03/21	305
307	4th Sty Horizontal & Vertical Elements	22 days	Tue 30/03/21	Fri 23/04/21	306
308	5th Sty Horizontal & Vertical Elements	22 days	Sat 24/04/21	Wed 19/05/21	307
309	Attic Sty Horizontal & Vertical Elements	22 days	Thu 20/05/21	Mon 14/06/21	308
310	Roof Horizontal & Vertical Elements	22 days	Tue 15/06/21	Fri 9/07/21	309
311	**Block 19**	**190 days**	**Sat 30/01/21**	**Wed 8/09/21**	
312	Basement 1 slab, wall and columns*	78 days	Sat 30/01/21	Fri 30/04/21	253FS+60 days
313	1st Sty Horizontal & Vertical Elements	22 days	Sat 1/05/21	Wed 26/05/21	312
314	2nd Sty Horizontal & Vertical Elements	15 days	Thu 27/05/21	Sat 12/06/21	313
315	3rd Sty Horizontal & Vertical Elements	15 days	Mon 14/06/21	Wed 30/06/21	314
316	4th Sty Horizontal & Vertical Elements	15 days	Thu 1/07/21	Sat 17/07/21	315
317	5th Sty Horizontal & Vertical Elements	15 days	Mon 19/07/21	Wed 4/08/21	316
318	Attic Sty Horizontal & Vertical Elements	15 days	Thu 5/08/21	Sat 21/08/21	317
319	Roof Horizontal & Vertical Elements	15 days	Mon 23/08/21	Wed 8/09/21	318
320	Tower Crane 4 Installation	14 days	Thu 3/12/20	Fri 18/12/20	312SS-50 days
321	Tower Crane 4 Dismantle	14 days	Tue 26/10/21	Wed 10/11/21	319FS+40 days
322	**Block 5**	**190 days**	**Sat 30/01/21**	**Wed 8/09/21**	
323	Basement 1 slab, wall and columns*	78 days	Sat 30/01/21	Fri 30/04/21	254FS+60 days
324	1st Sty Horizontal & Vertical Elements	22 days	Sat 1/05/21	Wed 26/05/21	323
325	2nd Sty Horizontal & Vertical Elements	15 days	Thu 27/05/21	Sat 12/06/21	324
326	3rd Sty Horizontal & Vertical Elements	15 days	Mon 14/06/21	Wed 30/06/21	325
327	4th Sty Horizontal & Vertical Elements	15 days	Thu 1/07/21	Sat 17/07/21	326
328	5th Sty Horizontal & Vertical Elements	15 days	Mon 19/07/21	Wed 4/08/21	327
329	Attic Sty Horizontal & Vertical Elements	15 days	Thu 5/08/21	Sat 21/08/21	328
330	Roof Horizontal & Vertical Elements	15 days	Mon 23/08/21	Wed 8/09/21	329
331	Tower Crane 3 Installation	14 days	Wed 6/01/21	Thu 21/01/21	323SS-21 days
332	Tower Crane 3 Dismantle	14 days	Tue 26/10/21	Wed 10/11/21	330FS+40 days
333	**E Deck slab & swimming pool**	**180 days**	**Mon 1/03/21**	**Sat 25/09/21**	**261FS+30 days**
334					
335	**Building Architectural & M&E Works**	**340 days**	**Thu 12/11/20**	**Mon 13/12/21**	
336	**Block 9 Architectural & M&E Works**	**241 days**	**Mon 25/01/21**	**Mon 1/11/21**	
337	**1st Storey**	**124 days**	**Mon 25/01/21**	**Thu 17/06/21**	
338	Sanitary stack and waste pipe installation	7 days	Mon 25/01/21	Mon 1/02/21	261
339	RWDP installation	1 day	Tue 2/02/21	Tue 2/02/21	338
340	Block wall installation	7 days	Wed 3/02/21	Wed 10/02/21	339
341	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Fri 19/02/21	Fri 26/02/21	340FS+7 days
342	Window outer frame installation	7 days	Fri 19/02/21	Fri 26/02/21	341SS
343	Door outer frame installation	7 days	Fri 19/02/21	Fri 26/02/21	342SS
344	Internal wall Skim Coat	7 days	Sat 27/02/21	Sat 6/03/21	342,343
345	Floor screeding to receive respective final finishes	7 days	Mon 8/03/21	Mon 15/03/21	344
346	ceiling (skimming coat / false ceiling)	7 days	Tue 16/03/21	Tue 23/03/21	345
347	Internal painting (sealer / base coat)	7 days	Wed 24/03/21	Wed 31/03/21	344FS+14 days,346
348	M&E 2nd fix (wiring, circuits)	7 days	Thu 1/04/21	Thu 8/04/21	347
349	Window inner frame & glazing	7 days	Fri 9/04/21	Fri 16/04/21	348
350	Internal floor finishes except parquet	7 days	Sat 17/04/21	Sat 24/04/21	349
351	Timber floor installation	7 days	Mon 26/04/21	Mon 3/05/21	350
352	Cabinetry Work	7 days	Tue 4/05/21	Tue 11/05/21	351
353	Kitchen cabinetry work + vanity top	7 days	Tue 4/05/21	Tue 11/05/21	351
354	Bedroom wardrobes	7 days	Tue 4/05/21	Tue 11/05/21	353SS
355	Door panel installation	7 days	Wed 12/05/21	Wed 19/05/21	352
356	M&E final fix	7 days	Thu 20/05/21	Thu 27/05/21	341,355
357	Wet Area (Kitchen)	70 days	Mon 8/03/21	Thu 27/05/21	
358	Internal wet area waterproofing	7 days	Mon 8/03/21	Mon 15/03/21	344
359	Water ponding test	3 days	Tue 16/03/21	Thu 18/03/21	358
360	Protective screed over waterproofing	3 days	Fri 19/03/21	Mon 22/03/21	359
361	Internal wall tiling	8 days	Tue 23/03/21	Wed 31/03/21	360
362	False ceiling	8 days	Thu 1/04/21	Fri 9/04/21	361
363	Internal painting (sealer / base coat)	7 days	Sat 10/04/21	Sat 17/04/21	362
364	M&E 2nd fix (wiring, circuit)	7 days	Mon 19/04/21	Mon 26/04/21	363
365	Internal floor finishes	7 days	Tue 27/04/21	Tue 4/05/21	364
366	Sink & Fitting installation	7 days	Wed 12/05/21	Wed 19/05/21	353,365
367	M&E final fix	7 days	Thu 20/05/21	Thu 27/05/21	366
368	M&E services preliminary T&C	7 days	Fri 28/05/21	Fri 4/06/21	356,367
369	Final painting	5 days	Sat 5/06/21	Thu 10/06/21	368
370	Clean up and lock up	6 days	Fri 11/06/21	Thu 17/06/21	369
371	**2nd Storey**	**124 days**	**Fri 19/02/21**	**Tue 13/07/21**	
372	Sanitary stack and waste pipe installation	7 days	Fri 19/02/21	Fri 26/02/21	338FS+15 days
373	RWDP installation	1 day	Sat 27/02/21	Sat 27/02/21	372
374	Block wall installation	7 days	Mon 1/03/21	Mon 8/03/21	373
375	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Wed 17/03/21	Wed 24/03/21	374FS+7 days
376	Window outer frame installation	7 days	Wed 17/03/21	Wed 24/03/21	375SS
377	Door outer frame installation	7 days	Wed 17/03/21	Wed 24/03/21	376SS
378	Internal wall Skim Coat	7 days	Thu 25/03/21	Thu 1/04/21	376,377
379	Floor screeding to receive respective final finishes	7 days	Fri 2/04/21	Fri 9/04/21	378
380	ceiling (skimming coat / false ceiling)	7 days	Sat 10/04/21	Sat 17/04/21	379



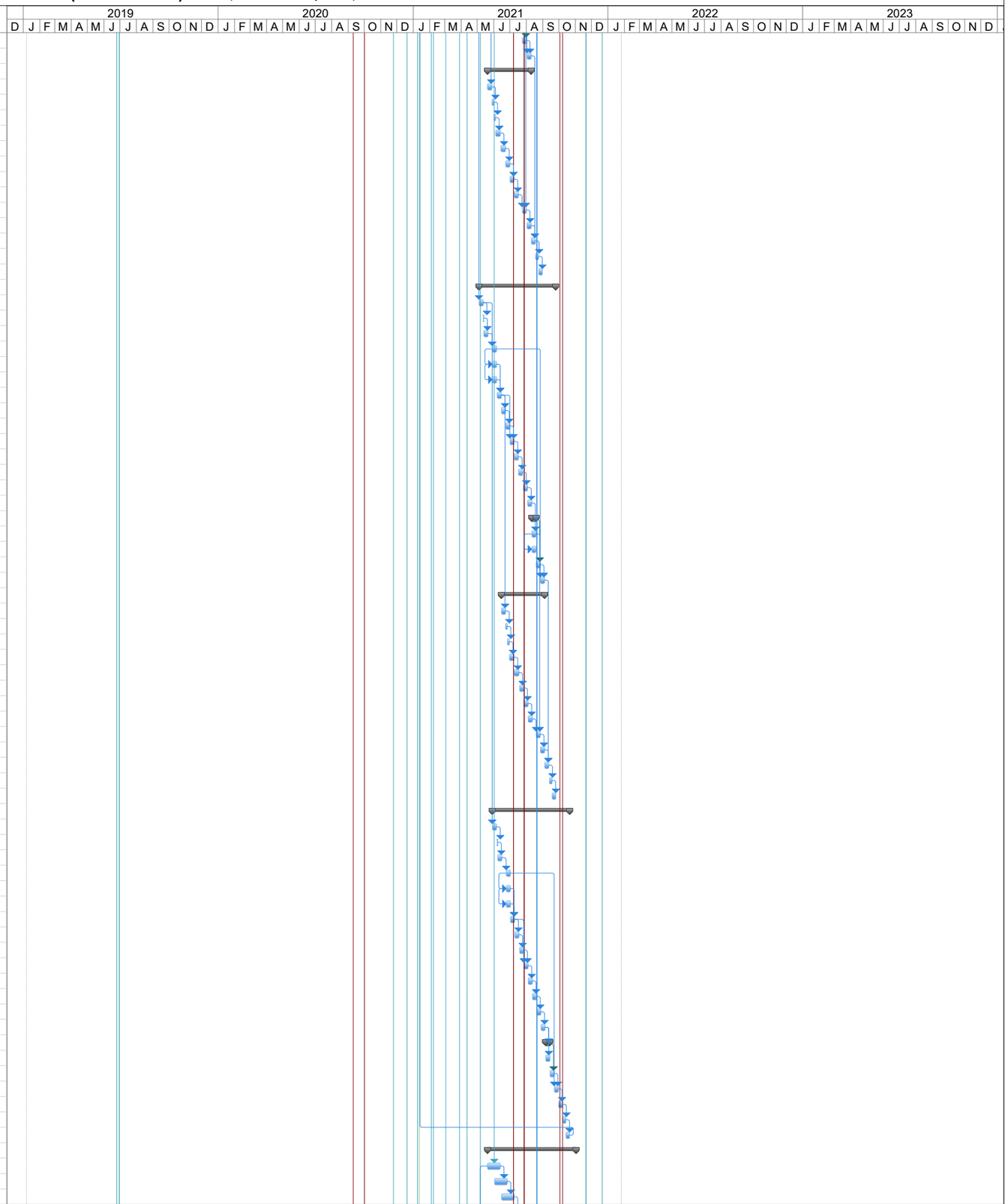
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
381	Internal painting (sealer / base coat)	7 days	Mon 19/04/21	Mon 26/04/21	378FS+14 days,380
382	M&E 2nd fix (wiring, circuits)	7 days	Tue 27/04/21	Tue 4/05/21	381
383	Window inner frame & glazing	7 days	Wed 5/05/21	Wed 12/05/21	382
384	Internal floor finishes except parquet	7 days	Thu 13/05/21	Thu 20/05/21	383
385	Timber floor installation	7 days	Fri 21/05/21	Fri 28/05/21	384
386	Cabinetry Work	7 days	Sat 29/05/21	Sat 5/06/21	385
387	Kitchen cabinetry work + vanity top	7 days	Sat 29/05/21	Sat 5/06/21	385
388	Bedroom wardrobes	7 days	Sat 29/05/21	Sat 5/06/21	387SS
389	Door panel installation	7 days	Mon 7/06/21	Mon 14/06/21	386
390	M&E final fix	7 days	Tue 15/06/21	Tue 22/06/21	375,389
391	Wet Area (Kitchen)	70 days	Fri 2/04/21	Tue 22/06/21	
392	Internal wet area waterproofing	7 days	Fri 2/04/21	Fri 9/04/21	378
393	Water ponding test	3 days	Sat 10/04/21	Tue 13/04/21	392
394	Protective screed over waterproofing	3 days	Wed 14/04/21	Fri 16/04/21	393
395	Internal wall tiling	10 days	Sat 17/04/21	Wed 28/04/21	394
396	False ceiling	10 days	Thu 29/04/21	Mon 10/05/21	395
397	Internal painting (sealer / base coat)	8 days	Tue 11/05/21	Wed 19/05/21	396
398	M&E 2nd fix (wiring, circuit)	8 days	Thu 20/05/21	Fri 28/05/21	397
399	Internal floor finishes	7 days	Sat 29/05/21	Sat 5/06/21	398
400	Sink & Fitting installation	7 days	Mon 7/06/21	Mon 14/06/21	387,399
401	M&E final fix	7 days	Tue 15/06/21	Tue 22/06/21	400
402	M&E services preliminary T&C	7 days	Wed 23/06/21	Wed 30/06/21	390,401
403	Final painting	5 days	Thu 1/07/21	Tue 6/07/21	402
404	Clean up and lock up	6 days	Wed 7/07/21	Tue 13/07/21	403
405	**3rd Storey**	**124 days**	**Tue 23/03/21**	**Fri 13/08/21**	
406	Sanitary stack and waste pipe installation	7 days	Tue 23/03/21	Tue 30/03/21	372FS+20 days
407	RWDP installation	1 day	Wed 31/03/21	Wed 31/03/21	406
408	Block wall installation	7 days	Thu 1/04/21	Thu 8/04/21	407
409	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Sat 17/04/21	Sat 24/04/21	408FS+7 days
410	Window outer frame installation	7 days	Sat 17/04/21	Sat 24/04/21	409SS
411	Door outer frame installation	7 days	Sat 17/04/21	Sat 24/04/21	410SS
412	Internal wall Skim Coat	7 days	Mon 26/04/21	Mon 3/05/21	410,411
413	Floor screeding to receive respective final finishes	7 days	Tue 4/05/21	Tue 11/05/21	412
414	ceiling (skimming coat / false ceiling)	7 days	Wed 12/05/21	Wed 19/05/21	413
415	Internal painting (sealer / base coat)	7 days	Thu 20/05/21	Thu 27/05/21	412FS+14 days,414
416	M&E 2nd fix (wiring, circuits)	7 days	Fri 28/05/21	Fri 4/06/21	415
417	Window inner frame & glazing	7 days	Sat 5/06/21	Sat 12/06/21	416
418	Internal floor finishes except parquet	7 days	Mon 14/06/21	Mon 21/06/21	417
419	Timber floor installation	7 days	Tue 22/06/21	Tue 29/06/21	418
420	Cabinetry Work	7 days	Wed 30/06/21	Wed 7/07/21	419
421	Kitchen cabinetry work + vanity top	7 days	Wed 30/06/21	Wed 7/07/21	419
422	Bedroom wardrobes	7 days	Wed 30/06/21	Wed 7/07/21	421SS
423	Door panel installation	7 days	Thu 8/07/21	Thu 15/07/21	420
424	M&E final fix	7 days	Fri 16/07/21	Fri 23/07/21	409,423
425	Wet Area (Kitchen)	70 days	Tue 4/05/21	Fri 23/07/21	
426	Internal wet area waterproofing	7 days	Tue 4/05/21	Tue 11/05/21	412
427	Water ponding test	3 days	Wed 12/05/21	Fri 14/05/21	426
428	Protective screed over waterproofing	3 days	Sat 15/05/21	Tue 18/05/21	427
429	Internal wall tiling	8 days	Wed 19/05/21	Thu 27/05/21	428
430	False ceiling	8 days	Fri 28/05/21	Sat 5/06/21	429
431	Internal painting (sealer / base coat)	7 days	Mon 7/06/21	Mon 14/06/21	430
432	M&E 2nd fix (wiring, circuit)	7 days	Tue 15/06/21	Tue 22/06/21	431
433	Internal floor finishes	7 days	Wed 23/06/21	Wed 30/06/21	432
434	Sink & Fitting installation	7 days	Thu 8/07/21	Thu 15/07/21	421,433
435	M&E final fix	7 days	Fri 16/07/21	Fri 23/07/21	434
436	M&E services preliminary T&C	7 days	Sat 24/07/21	Sat 31/07/21	424,435
437	Final painting	5 days	Mon 2/08/21	Fri 6/08/21	436
438	Clean up and lock up	6 days	Sat 7/08/21	Fri 13/08/21	437
439	**4th Storey**	**124 days**	**Thu 8/04/21**	**Mon 30/08/21**	
440	Sanitary stack and waste pipe installation	7 days	Thu 8/04/21	Thu 15/04/21	406FS+7 days
441	RWDP installation	1 day	Fri 16/04/21	Fri 16/04/21	440
442	Block wall installation	7 days	Sat 17/04/21	Sat 24/04/21	441
443	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Tue 4/05/21	Tue 11/05/21	442FS+7 days
444	Window outer frame installation	7 days	Tue 4/05/21	Tue 11/05/21	443SS
445	Door outer frame installation	7 days	Tue 4/05/21	Tue 11/05/21	444SS
446	Internal wall Skim Coat	7 days	Wed 12/05/21	Wed 19/05/21	444,445
447	Floor screeding to receive respective final finishes	7 days	Thu 20/05/21	Thu 27/05/21	446
448	ceiling (skimming coat / false ceiling)	7 days	Fri 28/05/21	Fri 4/06/21	447
449	Internal painting (sealer / base coat)	7 days	Sat 5/06/21	Sat 12/06/21	446FS+14 days,448
450	M&E 2nd fix (wiring, circuits)	7 days	Mon 14/06/21	Mon 21/06/21	449
451	Window inner frame & glazing	7 days	Tue 22/06/21	Tue 29/06/21	450
452	Internal floor finishes except parquet	7 days	Wed 30/06/21	Wed 7/07/21	451
453	Timber floor installation	7 days	Thu 8/07/21	Thu 15/07/21	452
454	Cabinetry Work	7 days	Fri 16/07/21	Fri 23/07/21	
455	Kitchen cabinetry work + vanity top	7 days	Fri 16/07/21	Fri 23/07/21	453
456	Bedroom wardrobes	7 days	Fri 16/07/21	Fri 23/07/21	455SS



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ID	Task Name	Duration	Start	Finish	Predecessors
457	Door panel installation	7 days	Sat 24/07/21	Sat 31/07/21	454
458	M&E final fix	7 days	Mon 2/08/21	Mon 9/08/21	443,457
459	Wet Area (Kitchen)	70 days	Thu 20/05/21	Mon 9/08/21	
460	Internal wet area waterproofing	7 days	Thu 20/05/21	Thu 27/05/21	446
461	Water ponding test	3 days	Fri 28/05/21	Mon 31/05/21	460
462	Protective screed over waterproofing	3 days	Tue 1/06/21	Thu 3/06/21	461
463	Internal wall tiling	8 days	Fri 4/06/21	Sat 12/06/21	462
464	False ceiling	8 days	Mon 14/06/21	Tue 22/06/21	463
465	Internal painting (sealer / base coat)	7 days	Wed 23/06/21	Wed 30/06/21	464
466	M&E 2nd fix (wiring, circuit)	7 days	Thu 1/07/21	Thu 8/07/21	465
467	Internal floor finishes	7 days	Fri 9/07/21	Fri 16/07/21	466
468	Sink & Fitting installation	7 days	Sat 24/07/21	Sat 31/07/21	455,467
469	M&E final fix	7 days	Mon 2/08/21	Mon 9/08/21	468
470	M&E services preliminary T&C	7 days	Tue 10/08/21	Tue 17/08/21	458,469
471	Final painting	5 days	Wed 18/08/21	Mon 23/08/21	470
472	Clean up and lock up	6 days	Tue 24/08/21	Mon 30/08/21	471
473	**5th Storey**	**124 days**	**Tue 4/05/21**	**Fri 24/09/21**	
474	Sanitary stack and waste pipe installation	7 days	Tue 4/05/21	Tue 11/05/21	440FS+15 days
475	RWDP installation	1 day	Wed 12/05/21	Wed 12/05/21	474
476	Block wall installation	7 days	Thu 13/05/21	Thu 20/05/21	475
477	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Sat 29/05/21	Sat 5/06/21	476FS+7 days
478	Window outer frame installation	7 days	Sat 29/05/21	Sat 5/06/21	477SS
479	Door outer frame installation	7 days	Sat 29/05/21	Sat 5/06/21	478SS
480	Internal wall Skim Coat	7 days	Mon 7/06/21	Mon 14/06/21	478,479
481	Floor screeding to receive respective final finishes	7 days	Tue 15/06/21	Tue 22/06/21	480
482	ceiling (skimming coat / false ceiling)	7 days	Wed 23/06/21	Wed 30/06/21	481
483	Internal painting (sealer / base coat)	7 days	Thu 1/07/21	Thu 8/07/21	480FS+14 days,482
484	M&E 2nd fix (wiring, circuits)	7 days	Fri 9/07/21	Fri 16/07/21	483
485	Window inner frame & glazing	7 days	Sat 17/07/21	Sat 24/07/21	484
486	Internal floor finishes except parquet	7 days	Mon 26/07/21	Mon 2/08/21	485
487	Timber floor installation	7 days	Tue 3/08/21	Tue 10/08/21	486
488	Cabinetry Work	7 days	Wed 11/08/21	Wed 18/08/21	
489	Kitchen cabinetry work + vanity top	7 days	Wed 11/08/21	Wed 18/08/21	487
490	Bedroom wardrobes	7 days	Wed 11/08/21	Wed 18/08/21	489SS
491	Door panel installation	7 days	Thu 19/08/21	Thu 26/08/21	488
492	M&E final fix	7 days	Fri 27/08/21	Fri 3/09/21	477,491
493	Wet Area (Kitchen)	70 days	Tue 15/06/21	Fri 3/09/21	
494	Internal wet area waterproofing	7 days	Tue 15/06/21	Tue 22/06/21	480
495	Water ponding test	3 days	Wed 23/06/21	Fri 25/06/21	494
496	Protective screed over waterproofing	3 days	Sat 26/06/21	Tue 29/06/21	495
497	Internal wall tiling	8 days	Wed 30/06/21	Thu 8/07/21	496
498	False ceiling	8 days	Fri 9/07/21	Sat 17/07/21	497
499	Internal painting (sealer / base coat)	7 days	Mon 19/07/21	Mon 26/07/21	498
500	M&E 2nd fix (wiring, circuit)	7 days	Tue 27/07/21	Tue 3/08/21	499
501	Internal floor finishes	7 days	Wed 4/08/21	Wed 11/08/21	500
502	Sink & Fitting installation	7 days	Thu 19/08/21	Thu 26/08/21	489,501
503	M&E final fix	7 days	Fri 27/08/21	Fri 3/09/21	502
504	M&E services preliminary T&C	7 days	Sat 4/09/21	Sat 11/09/21	492,503
505	Final painting	5 days	Mon 13/09/21	Fri 17/09/21	504
506	Clean up and lock up	6 days	Sat 18/09/21	Fri 24/09/21	505
507	**Attic Storey**	**124 days**	**Sat 29/05/21**	**Wed 20/10/21**	
508	Sanitary stack and waste pipe installation	7 days	Sat 29/05/21	Sat 5/06/21	474FS+15 days
509	RWDP installation	1 day	Mon 7/06/21	Mon 7/06/21	508
510	Block wall installation	7 days	Tue 8/06/21	Tue 15/06/21	509
511	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Thu 24/06/21	Thu 1/07/21	510FS+7 days
512	Window outer frame installation	7 days	Thu 24/06/21	Thu 1/07/21	511SS
513	Door outer frame installation	7 days	Thu 24/06/21	Thu 1/07/21	512SS
514	Internal wall Skim Coat	7 days	Fri 2/07/21	Fri 9/07/21	512,513
515	Floor screeding to receive respective final finishes	7 days	Sat 10/07/21	Sat 17/07/21	514
516	ceiling (skimming coat / false ceiling)	7 days	Mon 19/07/21	Mon 26/07/21	515
517	Internal painting (sealer / base coat)	7 days	Tue 27/07/21	Tue 3/08/21	514FS+14 days,516
518	M&E 2nd fix (wiring, circuits)	7 days	Wed 4/08/21	Wed 11/08/21	517
519	Window inner frame & glazing	7 days	Thu 12/08/21	Thu 19/08/21	518
520	Internal floor finishes except parquet	7 days	Fri 20/08/21	Fri 27/08/21	519
521	Timber floor installation	7 days	Sat 28/08/21	Sat 4/09/21	520
522	Cabinetry Work	7 days	Mon 6/09/21	Mon 13/09/21	521
523	Bedroom wardrobes	7 days	Mon 6/09/21	Mon 13/09/21	521
524	Door panel installation	7 days	Tue 14/09/21	Tue 21/09/21	522
525	M&E final fix	7 days	Wed 22/09/21	Wed 29/09/21	511,524
526	M&E services preliminary T&C	7 days	Thu 30/09/21	Thu 7/10/21	525
527	Final painting	5 days	Fri 8/10/21	Wed 13/10/21	526
528	Clean up and lock up	6 days	Thu 14/10/21	Wed 20/10/21	527
529	**Stories Common Area: Lobby, Staircase & Roof**	**142 days**	**Thu 20/05/21**	**Mon 1/11/21**	
530	Basement Common Area, Lobby & Staircase	21 days	Thu 20/05/21	Sat 12/06/21	414
531	1st Storey Common Area, Lobby & Staircase	21 days	Wed 2/06/21	Fri 25/06/21	530FS-10 days
532	2nd Storey Common Area, Lobby & staircase	21 days	Tue 15/06/21	Thu 8/07/21	531FS-10 days

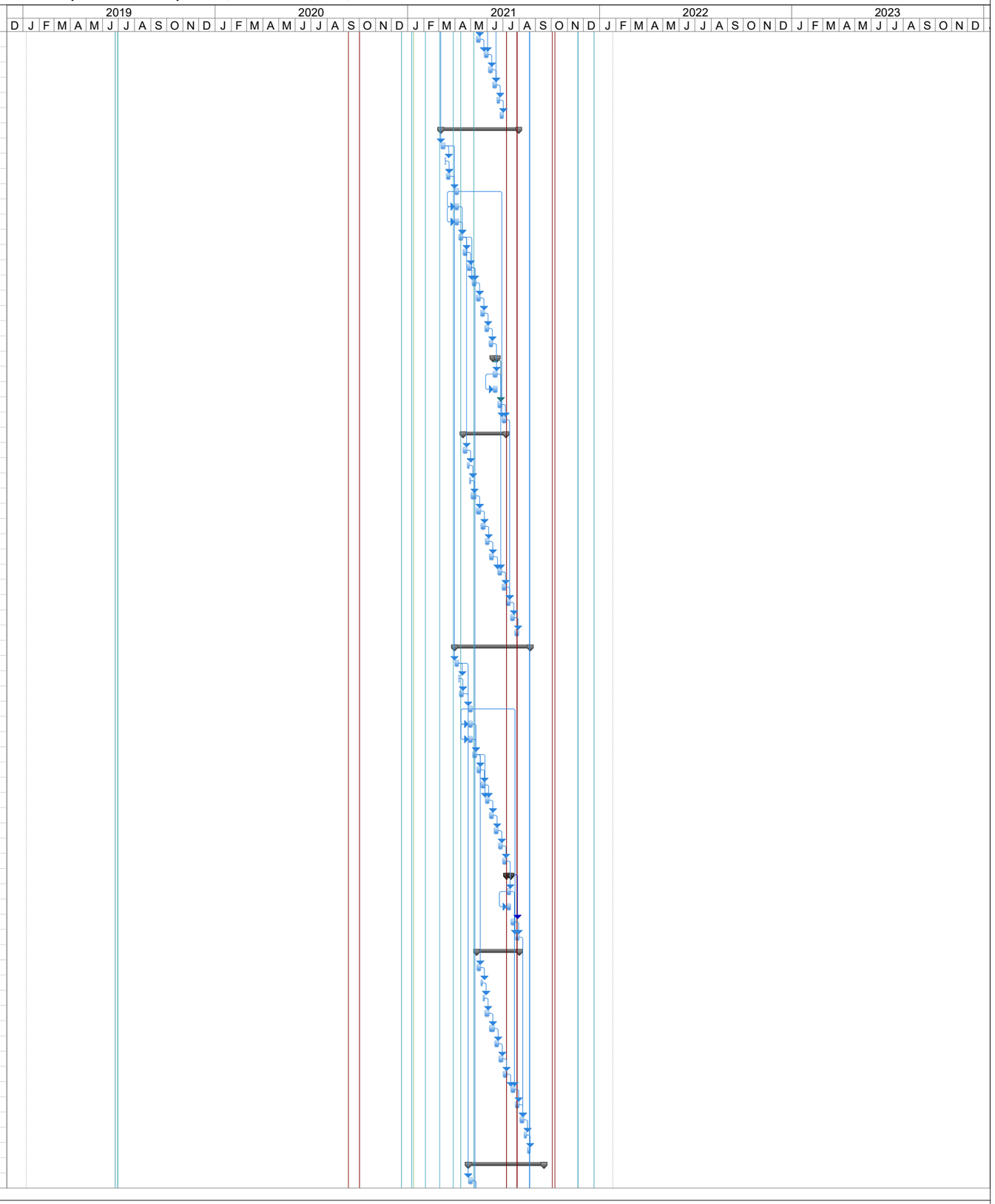


Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
533	3rd Storey Common Area, Lobby & Staircase	21 days	Mon 28/06/21	Wed 21/07/21	532FS-10 days
534	4th Storey Common Area, Lobby & Staircase	21 days	Sat 10/07/21	Tue 3/08/21	533FS-10 days
535	5th Storey Common Area, Lobby & Staircase	21 days	Fri 23/07/21	Mon 16/08/21	534FS-10 days
536	Attic Roof Common Area & Staircase	21 days	Sat 28/08/21	Tue 21/09/21	535FS-10 days
537	**Roof**	**111 days**	**Thu 20/05/21**	**Sat 25/09/21**	
538	Misc RC works	30 days	Thu 20/05/21	Wed 23/06/21	530SS
539	Waterproofing works	30 days	Thu 24/06/21	Wed 28/07/21	538
540	Plastering	21 days	Thu 29/07/21	Sat 21/08/21	539
541	Misc. works	30 days	Mon 23/08/21	Sat 25/09/21	540
542	**External Façade**	**82 days**	**Thu 29/07/21**	**Mon 1/11/21**	
543	External wall plastering	45 days	Thu 29/07/21	Sat 18/09/21	540SS
544	Water tightness test	20 days	Mon 16/08/21	Tue 7/09/21	543FS-30 days
545	External wall painting	30 days	Tue 28/09/21	Mon 1/11/21	543FS+7 days
546	**Block 7 Architectural & M&E Works**	**317 days**	**Thu 12/11/20**	**Tue 16/11/21**	
547	**1st Storey**	**184 days**	**Thu 12/11/20**	**Mon 14/06/21**	
548	Sanitary stack and waste pipe installation	7 days	Thu 12/11/20	Thu 19/11/20	272
549	RWDP installation	1 day	Fri 20/11/20	Fri 20/11/20	548
550	Block wall installation	7 days	Sat 30/01/21	Sat 6/02/21	549FS+60 days
551	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Tue 16/02/21	Tue 23/02/21	550FS+7 days
552	Window outer frame installation	7 days	Tue 16/02/21	Tue 23/02/21	551SS
553	Door outer frame installation	7 days	Tue 16/02/21	Tue 23/02/21	552SS
554	Internal wall Skim Coat	7 days	Wed 24/02/21	Wed 3/03/21	552,553
555	Floor screeding to receive respective final finishes	7 days	Thu 4/03/21	Thu 11/03/21	554
556	ceiling (skimming coat / false ceiling)	7 days	Fri 12/03/21	Fri 19/03/21	555
557	Internal painting (sealer / base coat)	7 days	Sat 20/03/21	Sat 27/03/21	554FS+14 days,556
558	M&E 2nd fix (wiring, circuits)	7 days	Mon 29/03/21	Mon 5/04/21	557
559	Window inner frame & glazing	7 days	Tue 6/04/21	Tue 13/04/21	558
560	Internal floor finishes except parquet	7 days	Wed 14/04/21	Wed 21/04/21	559
561	Timber floor installation	7 days	Thu 22/04/21	Thu 29/04/21	560
562	Cabinetry Work	7 days	Fri 30/04/21	Fri 7/05/21	
563	Kitchen cabinetry work + vanity top	7 days	Fri 30/04/21	Fri 7/05/21	561
564	Bedroom wardrobes	7 days	Fri 30/04/21	Fri 7/05/21	563SS
565	Door panel installation	7 days	Sat 8/05/21	Sat 15/05/21	562
566	M&E final fix	7 days	Mon 17/05/21	Mon 24/05/21	551,565
567	Wet Area (Kitchen)	70 days	Thu 4/03/21	Mon 24/05/21	
568	Internal wet area waterproofing	7 days	Thu 4/03/21	Thu 11/03/21	554
569	Water ponding test	3 days	Fri 12/03/21	Mon 15/03/21	568
570	Protective screed over waterproofing	3 days	Tue 16/03/21	Thu 18/03/21	569
571	Internal wall tiling	8 days	Fri 19/03/21	Sat 27/03/21	570
572	False ceiling	8 days	Mon 29/03/21	Tue 6/04/21	571
573	Internal painting (sealer / base coat)	7 days	Wed 7/04/21	Wed 14/04/21	572
574	M&E 2nd fix (wiring, circuit)	7 days	Thu 15/04/21	Thu 22/04/21	573
575	Internal floor finishes	7 days	Fri 23/04/21	Fri 30/04/21	574
576	Sink & Fitting installation	7 days	Sat 8/05/21	Sat 15/05/21	563,575
577	M&E final fix	7 days	Mon 17/05/21	Mon 24/05/21	576
578	M&E services preliminary T&C	7 days	Tue 25/05/21	Tue 1/06/21	566,577
579	Final painting	5 days	Wed 2/06/21	Mon 7/06/21	578
580	Clean up and lock up	6 days	Tue 8/06/21	Mon 14/06/21	579
581	**2nd Storey**	**124 days**	**Mon 8/02/21**	**Thu 1/07/21**	
582	Sanitary stack and waste pipe installation	7 days	Mon 8/02/21	Mon 15/02/21	273FS+15 days
583	RWDP installation	1 day	Tue 16/02/21	Tue 16/02/21	582
584	Block wall installation	7 days	Wed 17/02/21	Wed 24/02/21	583
585	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Fri 5/03/21	Fri 12/03/21	584FS+7 days
586	Window outer frame installation	7 days	Fri 5/03/21	Fri 12/03/21	585SS
587	Door outer frame installation	7 days	Fri 5/03/21	Fri 12/03/21	586SS
588	Internal wall Skim Coat	7 days	Sat 13/03/21	Sat 20/03/21	586,587
589	Floor screeding to receive respective final finishes	7 days	Mon 22/03/21	Mon 29/03/21	588
590	ceiling (skimming coat / false ceiling)	7 days	Tue 30/03/21	Tue 6/04/21	589
591	Internal painting (sealer / base coat)	7 days	Wed 7/04/21	Wed 14/04/21	588FS+14 days,590
592	M&E 2nd fix (wiring, circuits)	7 days	Thu 15/04/21	Thu 22/04/21	591
593	Window inner frame & glazing	7 days	Fri 23/04/21	Fri 30/04/21	592
594	Internal floor finishes except parquet	7 days	Sat 1/05/21	Sat 8/05/21	593
595	Timber floor installation	7 days	Mon 10/05/21	Mon 17/05/21	594
596	Cabinetry Work	7 days	Tue 18/05/21	Tue 25/05/21	
597	Kitchen cabinetry work + vanity top	7 days	Tue 18/05/21	Tue 25/05/21	595
598	Bedroom wardrobes	7 days	Tue 18/05/21	Tue 25/05/21	597SS
599	Door panel installation	7 days	Wed 26/05/21	Wed 2/06/21	596
600	M&E final fix	7 days	Thu 3/06/21	Thu 10/06/21	585,599
601	Wet Area (Kitchen)	70 days	Mon 22/03/21	Thu 10/06/21	
602	Internal wet area waterproofing	7 days	Mon 22/03/21	Mon 29/03/21	588
603	Water ponding test	3 days	Tue 30/03/21	Thu 1/04/21	602
604	Protective screed over waterproofing	3 days	Fri 2/04/21	Mon 5/04/21	603
605	Internal wall tiling	8 days	Tue 6/04/21	Wed 14/04/21	604
606	False ceiling	8 days	Thu 15/04/21	Fri 23/04/21	605
607	Internal painting (sealer / base coat)	7 days	Sat 24/04/21	Sat 1/05/21	606
608	M&E 2nd fix (wiring, circuit)	7 days	Mon 3/05/21	Mon 10/05/21	607

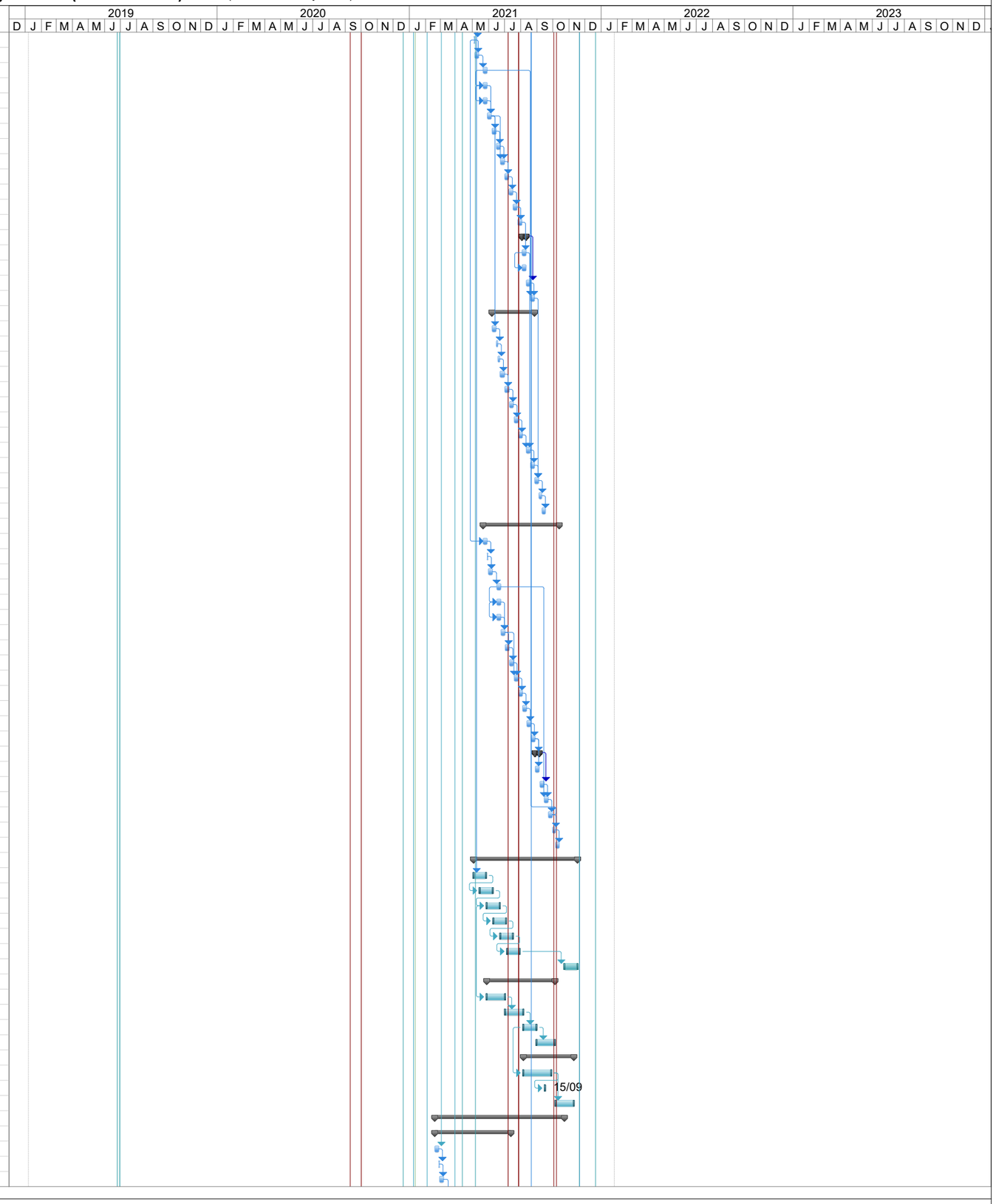


ID	Task Name	Duration	Start	Finish	Predecessors
609	Internal floor finishes	7 days	Tue 11/05/21	Tue 18/05/21	608
610	Sink & Fitting installation	7 days	Wed 26/05/21	Wed 2/06/21	597,609
611	M&E final fix	7 days	Thu 3/06/21	Thu 10/06/21	610
612	M&E services preliminary T&C	7 days	Fri 11/06/21	Fri 18/06/21	600,611
613	Final painting	5 days	Sat 19/06/21	Thu 24/06/21	612
614	Clean up and lock up	6 days	Fri 25/06/21	Thu 1/07/21	613
615	**3rd Storey**	**127 days**	**Fri 5/03/21**	**Fri 30/07/21**	
616	Sanitary stack and waste pipe installation	7 days	Fri 5/03/21	Fri 12/03/21	582FS+15 days
617	RWDP installation	1 day	Sat 13/03/21	Sat 13/03/21	616
618	Block wall installation	7 days	Mon 15/03/21	Mon 22/03/21	617
619	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Wed 31/03/21	Wed 7/04/21	618FS+7 days
620	Window outer frame installation	7 days	Wed 31/03/21	Wed 7/04/21	619SS
621	Door outer frame installation	7 days	Wed 31/03/21	Wed 7/04/21	620SS
622	Internal wall Skim Coat	7 days	Thu 8/04/21	Thu 15/04/21	620,621
623	Floor screeding to receive respective final finishes	7 days	Fri 16/04/21	Fri 23/04/21	622
624	ceiling (skimming coat / false ceiling)	7 days	Sat 24/04/21	Sat 1/05/21	623
625	Internal painting (sealer / base coat)	7 days	Mon 3/05/21	Mon 10/05/21	622FS+14 days,624
626	M&E 2nd fix (wiring, circuits)	7 days	Tue 11/05/21	Tue 18/05/21	625
627	Window inner frame & glazing	7 days	Wed 19/05/21	Wed 26/05/21	626
628	Internal floor finishes except parquet	7 days	Thu 27/05/21	Thu 3/06/21	627
629	Timber floor installation	7 days	Fri 4/06/21	Fri 11/06/21	628
630	Cabinetry Work	7 days	Sat 12/06/21	Sat 19/06/21	
631	Kitchen cabinetry work + vanity top	7 days	Sat 12/06/21	Sat 19/06/21	629
632	Bedroom wardrobes	7 days	Sat 12/06/21	Sat 19/06/21	631SS
633	Door panel installation	7 days	Mon 21/06/21	Mon 28/06/21	630
634	M&E final fix	7 days	Tue 29/06/21	Tue 6/07/21	619,633
635	Wet Area (Kitchen)	70 days	Fri 16/04/21	Tue 6/07/21	
636	Internal wet area waterproofing	7 days	Fri 16/04/21	Fri 23/04/21	622
637	Water ponding test	3 days	Sat 24/04/21	Tue 27/04/21	636
638	Protective screed over waterproofing	3 days	Wed 28/04/21	Fri 30/04/21	637
639	Internal wall tiling	8 days	Sat 1/05/21	Mon 10/05/21	638
640	False ceiling	8 days	Tue 11/05/21	Wed 19/05/21	639
641	Internal painting (sealer / base coat)	7 days	Thu 20/05/21	Thu 27/05/21	640
642	M&E 2nd fix (wiring, circuit)	7 days	Fri 28/05/21	Fri 4/06/21	641
643	Internal floor finishes	7 days	Sat 5/06/21	Sat 12/06/21	642
644	Sink & Fitting installation	7 days	Mon 21/06/21	Mon 28/06/21	631,643
645	M&E final fix	7 days	Tue 29/06/21	Tue 6/07/21	644
646	M&E services preliminary T&C	7 days	Wed 7/07/21	Wed 14/07/21	634,645
647	Final painting	7 days	Thu 15/07/21	Thu 22/07/21	646
648	Clean up and lock up	7 days	Fri 23/07/21	Fri 30/07/21	647
649	**4th Storey**	**124 days**	**Wed 31/03/21**	**Sat 21/08/21**	
650	Sanitary stack and waste pipe installation	7 days	Wed 31/03/21	Wed 7/04/21	616FS+15 days
651	RWDP installation	1 day	Thu 8/04/21	Thu 8/04/21	650
652	Block wall installation	7 days	Fri 9/04/21	Fri 16/04/21	651
653	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Mon 26/04/21	Mon 3/05/21	652FS+7 days
654	Window outer frame installation	7 days	Mon 26/04/21	Mon 3/05/21	653SS
655	Door outer frame installation	7 days	Mon 26/04/21	Mon 3/05/21	654SS
656	Internal wall Skim Coat	7 days	Tue 4/05/21	Tue 11/05/21	654,655
657	Floor screeding to receive respective final finishes	7 days	Wed 12/05/21	Wed 19/05/21	656
658	ceiling (skimming coat / false ceiling)	7 days	Thu 20/05/21	Thu 27/05/21	657
659	Internal painting (sealer / base coat)	7 days	Fri 28/05/21	Fri 4/06/21	656FS+14 days,658
660	M&E 2nd fix (wiring, circuits)	7 days	Sat 5/06/21	Sat 12/06/21	659
661	Window inner frame & glazing	7 days	Mon 14/06/21	Mon 21/06/21	660
662	Internal floor finishes except parquet	7 days	Tue 22/06/21	Tue 29/06/21	661
663	Timber floor installation	7 days	Wed 30/06/21	Wed 7/07/21	662
664	Cabinetry Work	7 days	Thu 8/07/21	Thu 15/07/21	
665	Kitchen cabinetry work + vanity top	7 days	Thu 8/07/21	Thu 15/07/21	663
666	Bedroom wardrobes	7 days	Thu 8/07/21	Thu 15/07/21	665SS
667	Door panel installation	7 days	Fri 16/07/21	Fri 23/07/21	664
668	M&E final fix	7 days	Sat 24/07/21	Sat 31/07/21	653,667
669	Wet Area (Kitchen)	70 days	Wed 12/05/21	Sat 31/07/21	
670	Internal wet area waterproofing	7 days	Wed 12/05/21	Wed 19/05/21	656
671	Water ponding test	3 days	Thu 20/05/21	Sat 22/05/21	670
672	Protective screed over waterproofing	3 days	Mon 24/05/21	Wed 26/05/21	671
673	Internal wall tiling	8 days	Thu 27/05/21	Fri 4/06/21	672
674	False ceiling	8 days	Sat 5/06/21	Mon 14/06/21	673
675	Internal painting (sealer / base coat)	7 days	Tue 15/06/21	Tue 22/06/21	674
676	M&E 2nd fix (wiring, circuit)	7 days	Wed 23/06/21	Wed 30/06/21	675
677	Internal floor finishes	7 days	Thu 1/07/21	Thu 8/07/21	676
678	Sink & Fitting installation	7 days	Fri 16/07/21	Fri 23/07/21	665,677
679	M&E final fix	7 days	Sat 24/07/21	Sat 31/07/21	678
680	M&E services preliminary T&C	7 days	Mon 2/08/21	Mon 9/08/21	668,679
681	Final painting	5 days	Tue 10/08/21	Sat 14/08/21	680
682	Clean up and lock up	6 days	Mon 16/08/21	Sat 21/08/21	681
683	**5th Storey**	**124 days**	**Mon 26/04/21**	**Thu 16/09/21**	
684	Sanitary stack and waste pipe installation	7 days	Mon 26/04/21	Mon 3/05/21	650FS+15 days



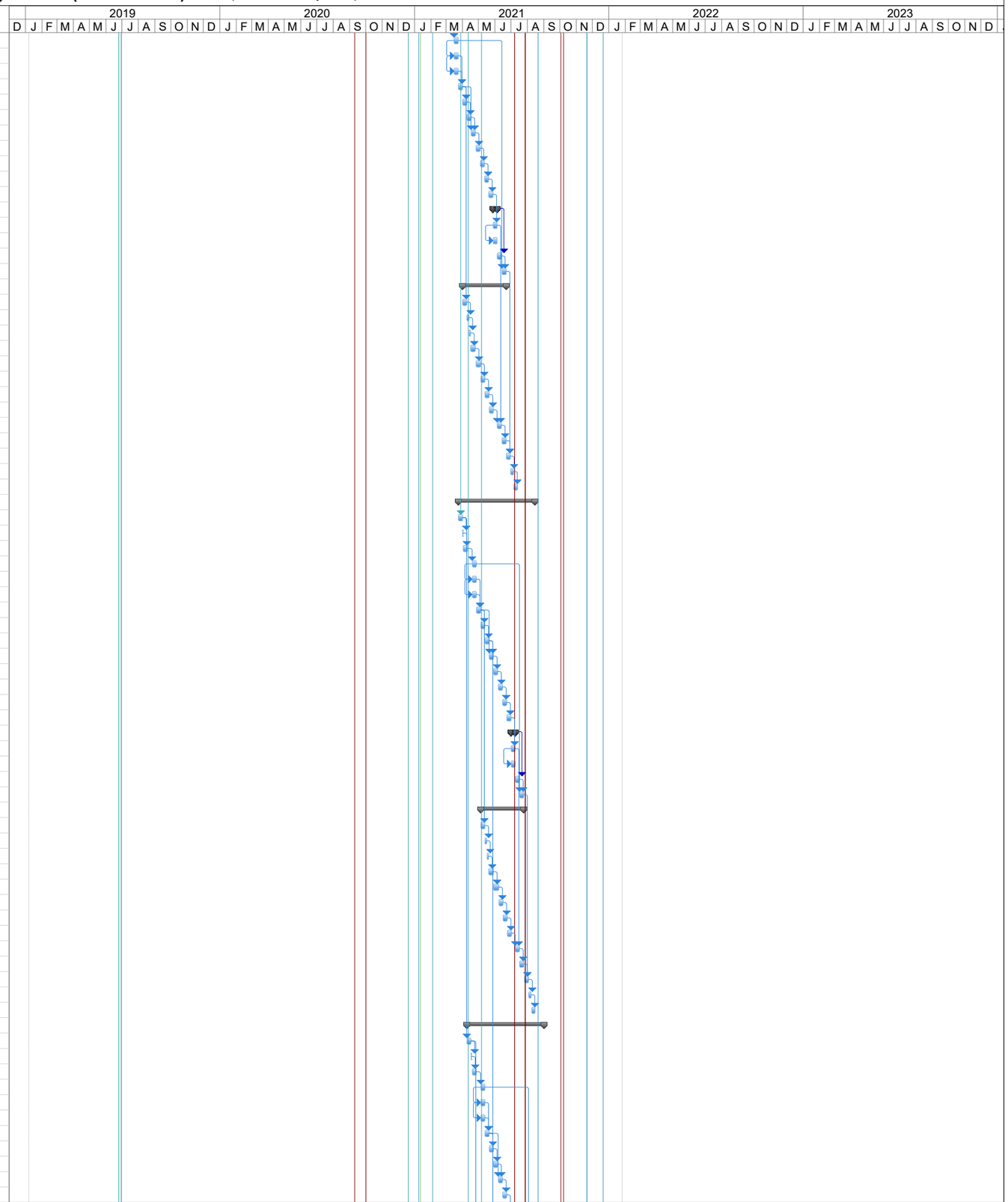
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
685	RWDP installation	1 day	Tue 4/05/21	Tue 4/05/21	684
686	Block wall installation	7 days	Wed 5/05/21	Wed 12/05/21	685
687	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Fri 21/05/21	Fri 28/05/21	686FS+7 days
688	Window outer frame installation	7 days	Fri 21/05/21	Fri 28/05/21	687SS
689	Door outer frame installation	7 days	Fri 21/05/21	Fri 28/05/21	688SS
690	Internal wall Skim Coat	7 days	Sat 29/05/21	Sat 5/06/21	688,689
691	Floor screeding to receive respective final finishes	7 days	Mon 7/06/21	Mon 14/06/21	690
692	ceiling (skimming coat / false ceiling)	7 days	Tue 15/06/21	Tue 22/06/21	691
693	Internal painting (sealer / base coat)	7 days	Wed 23/06/21	Wed 30/06/21	690FS+14 days,692
694	M&E 2nd fix (wiring, circuits)	7 days	Thu 1/07/21	Thu 8/07/21	693
695	Window inner frame & glazing	7 days	Fri 9/07/21	Fri 16/07/21	694
696	Internal floor finishes except parquet	7 days	Sat 17/07/21	Sat 24/07/21	695
697	Timber floor installation	7 days	Mon 26/07/21	Mon 2/08/21	696
698	Cabinetry Work	7 days	Tue 3/08/21	Tue 10/08/21	
699	Kitchen cabinetry work + vanity top	7 days	Tue 3/08/21	Tue 10/08/21	697
700	Bedroom wardrobes	7 days	Tue 3/08/21	Tue 10/08/21	699SS
701	Door panel installation	7 days	Wed 11/08/21	Wed 18/08/21	698
702	M&E final fix	7 days	Thu 19/08/21	Thu 26/08/21	687,701
703	Wet Area (Kitchen)	70 days	Mon 7/06/21	Thu 26/08/21	
704	Internal wet area waterproofing	7 days	Mon 7/06/21	Mon 14/06/21	690
705	Water ponding test	3 days	Tue 15/06/21	Thu 17/06/21	704
706	Protective screed over waterproofing	3 days	Fri 18/06/21	Mon 21/06/21	705
707	Internal wall tiling	8 days	Tue 22/06/21	Wed 30/06/21	706
708	False ceiling	8 days	Thu 1/07/21	Fri 9/07/21	707
709	Internal painting (sealer / base coat)	7 days	Sat 10/07/21	Sat 17/07/21	708
710	M&E 2nd fix (wiring, circuit)	7 days	Mon 19/07/21	Mon 26/07/21	709
711	Internal floor finishes	7 days	Tue 27/07/21	Tue 3/08/21	710
712	Sink & Fitting installation	7 days	Wed 11/08/21	Wed 18/08/21	699,711
713	M&E final fix	7 days	Thu 19/08/21	Thu 26/08/21	712
714	M&E services preliminary T&C	7 days	Fri 27/08/21	Fri 3/09/21	702,713
715	Final painting	5 days	Sat 4/09/21	Thu 9/09/21	714
716	Clean up and lock up	6 days	Fri 10/09/21	Thu 16/09/21	715
717	**Attic Storey**	**124 days**	**Fri 21/05/21**	**Tue 12/10/21**	
718	Sanitary stack and waste pipe installation	7 days	Fri 21/05/21	Fri 28/05/21	685SS+15 days
719	RWDP installation	1 day	Sat 29/05/21	Sat 29/05/21	718
720	Block wall installation	7 days	Mon 31/05/21	Mon 7/06/21	719
721	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Wed 16/06/21	Wed 23/06/21	720FS+7 days
722	Window outer frame installation	7 days	Wed 16/06/21	Wed 23/06/21	721SS
723	Door outer frame installation	7 days	Wed 16/06/21	Wed 23/06/21	722SS
724	Internal wall Skim Coat	7 days	Thu 24/06/21	Thu 1/07/21	722,723
725	Floor screeding to receive respective final finishes	7 days	Fri 2/07/21	Fri 9/07/21	724
726	ceiling (skimming coat / false ceiling)	7 days	Sat 10/07/21	Sat 17/07/21	725
727	Internal painting (sealer / base coat)	7 days	Mon 19/07/21	Mon 26/07/21	724FS+14 days,726
728	M&E 2nd fix (wiring, circuits)	7 days	Tue 27/07/21	Tue 3/08/21	727
729	Window inner frame & glazing	7 days	Wed 4/08/21	Wed 11/08/21	728
730	Internal floor finishes except parquet	7 days	Thu 12/08/21	Thu 19/08/21	729
731	Timber floor installation	7 days	Fri 20/08/21	Fri 27/08/21	730
732	Cabinetry Work	7 days	Sat 28/08/21	Sat 4/09/21	731
733	Bedroom wardrobes	7 days	Sat 28/08/21	Sat 4/09/21	731
734	Door panel installation	7 days	Mon 6/09/21	Mon 13/09/21	732
735	M&E final fix	7 days	Tue 14/09/21	Tue 21/09/21	721,734
736	M&E services preliminary T&C	7 days	Wed 22/09/21	Wed 29/09/21	735
737	Final painting	5 days	Thu 30/09/21	Tue 5/10/21	736
738	Clean up and lock up	6 days	Wed 6/10/21	Tue 12/10/21	737
739	**Stories Common Area: Lobby, Staircase & Roof**	**170 days**	**Mon 3/05/21**	**Tue 16/11/21**	
740	Basement Common Area, Lobby & Staircase	21 days	Mon 3/05/21	Wed 26/05/21	624
741	1st Storey Common Area, Lobby & Staircase	21 days	Sat 15/05/21	Tue 8/06/21	740FS-10 days
742	2nd Storey Common Area, Lobby & staircase	21 days	Fri 28/05/21	Mon 21/06/21	741FS-10 days
743	3rd Storey Common Area, Lobby & Staircase	21 days	Thu 10/06/21	Sat 3/07/21	742FS-10 days
744	4th Storey Common Area, Lobby & Staircase	21 days	Wed 23/06/21	Fri 16/07/21	743FS-10 days
745	5th Storey Common Area, Lobby & Staircase	21 days	Tue 6/07/21	Thu 29/07/21	744FS-10 days
746	Attic Roof Common Area & Staircase	21 days	Sat 23/10/21	Tue 16/11/21	745FS-10 days
747	**Roof**	**111 days**	**Fri 28/05/21**	**Mon 4/10/21**	
748	Misc RC works	30 days	Fri 28/05/21	Thu 1/07/21	742SS
749	Waterproofing works	30 days	Fri 2/07/21	Thu 5/08/21	748
750	Plastering	21 days	Fri 6/08/21	Mon 30/08/21	749
751	Misc. works	30 days	Tue 31/08/21	Mon 4/10/21	750
752	**External Façade**	**82 days**	**Fri 6/08/21**	**Tue 9/11/21**	
753	External wall plastering	45 days	Fri 6/08/21	Mon 27/09/21	750SS
754	Water tightness test	20 days	Tue 24/08/21	Wed 15/09/21	753FS-30 days
755	External wall painting	30 days	Wed 6/10/21	Tue 9/11/21	753FS+7 days
756	**Block 11 Architectural & M&E Works**	**212 days**	**Thu 18/02/21**	**Fri 22/10/21**	
757	**1st Storey**	**124 days**	**Thu 18/02/21**	**Mon 12/07/21**	
758	Sanitary stack and waste pipe installation	7 days	Thu 18/02/21	Thu 25/02/21	282
759	RWDP installation	1 day	Fri 26/02/21	Fri 26/02/21	758
760	Block wall installation	7 days	Sat 27/02/21	Sat 6/03/21	759

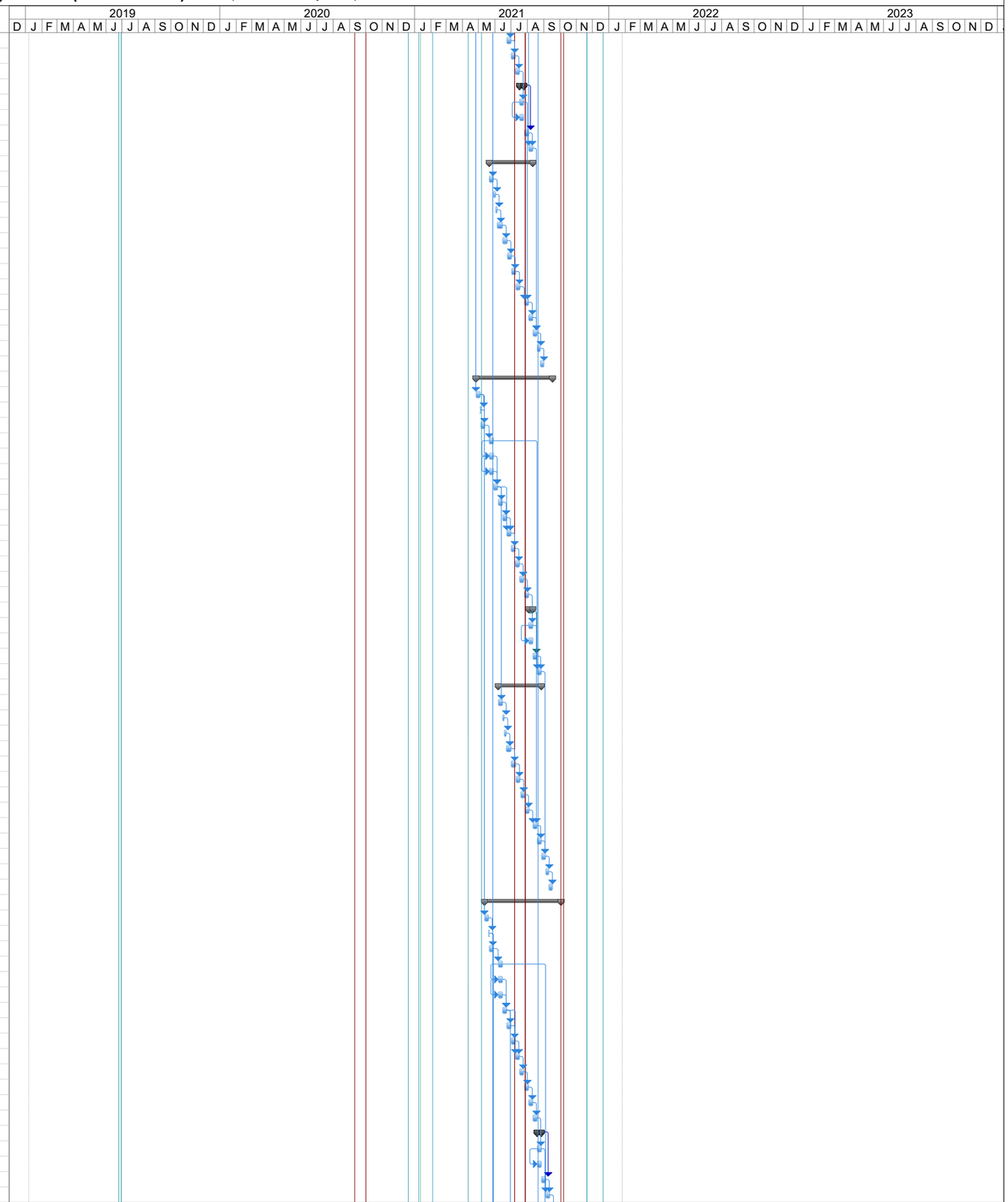


Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
761	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Tue 16/03/21	Tue 23/03/21	760FS+7 days
762	Window outer frame installation	7 days	Tue 16/03/21	Tue 23/03/21	761SS
763	Door outer frame installation	7 days	Tue 16/03/21	Tue 23/03/21	762SS
764	Internal wall Skim Coat	7 days	Wed 24/03/21	Wed 31/03/21	762,763
765	Floor screeding to receive respective final finishes	7 days	Thu 1/04/21	Thu 8/04/21	764
766	ceiling (skimming coat / false ceiling)	7 days	Fri 9/04/21	Fri 16/04/21	765
767	Internal painting (sealer / base coat)	7 days	Sat 17/04/21	Sat 24/04/21	764FS+7 days,766
768	M&E 2nd fix (wiring, circuits)	7 days	Mon 26/04/21	Mon 3/05/21	767
769	Window inner frame & glazing	7 days	Tue 4/05/21	Tue 11/05/21	768
770	Internal floor finishes except parquet	7 days	Wed 12/05/21	Wed 19/05/21	769
771	Timber floor installation	7 days	Thu 20/05/21	Thu 27/05/21	770
772	Cabinetry Work	7 days	Fri 28/05/21	Fri 4/06/21	
773	Kitchen cabinetry work + vanity top	7 days	Fri 28/05/21	Fri 4/06/21	771
774	Bedroom wardrobes	7 days	Fri 28/05/21	Fri 4/06/21	773SS
775	Door panel installation	7 days	Sat 5/06/21	Sat 12/06/21	772
776	M&E final fix	7 days	Mon 14/06/21	Mon 21/06/21	761,775
777	Wet Area (Kitchen)	70 days	Thu 1/04/21	Mon 21/06/21	
778	Internal wet area waterproofing	7 days	Thu 1/04/21	Thu 8/04/21	764
779	Water ponding test	3 days	Fri 9/04/21	Mon 12/04/21	778
780	Protective screed over waterproofing	3 days	Tue 13/04/21	Thu 15/04/21	779
781	Internal wall tiling	8 days	Fri 16/04/21	Sat 24/04/21	780
782	False ceiling	8 days	Mon 26/04/21	Tue 4/05/21	781
783	Internal painting (sealer / base coat)	7 days	Wed 5/05/21	Wed 12/05/21	782
784	M&E 2nd fix (wiring, circuit)	7 days	Thu 13/05/21	Thu 20/05/21	783
785	Internal floor finishes	7 days	Fri 21/05/21	Fri 28/05/21	784
786	Sink & Fitting installation	7 days	Sat 5/06/21	Sat 12/06/21	773,785
787	M&E final fix	7 days	Mon 14/06/21	Mon 21/06/21	786
788	M&E services preliminary T&C	7 days	Tue 22/06/21	Tue 29/06/21	776,787
789	Final painting	5 days	Wed 30/06/21	Mon 5/07/21	788
790	Clean up and lock up	6 days	Tue 6/07/21	Mon 12/07/21	789
791	**2nd Storey**	**124 days**	**Wed 24/03/21**	**Sat 14/08/21**	
792	Sanitary stack and waste pipe installation	7 days	Wed 24/03/21	Wed 31/03/21	283FS+7 days
793	RWDP installation	1 day	Thu 1/04/21	Thu 1/04/21	792
794	Block wall installation	7 days	Fri 2/04/21	Fri 9/04/21	793
795	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Mon 19/04/21	Mon 26/04/21	794FS+7 days
796	Window outer frame installation	7 days	Mon 19/04/21	Mon 26/04/21	795SS
797	Door outer frame installation	7 days	Mon 19/04/21	Mon 26/04/21	796SS
798	Internal wall Skim Coat	7 days	Tue 27/04/21	Tue 4/05/21	796,797
799	Floor screeding to receive respective final finishes	7 days	Wed 5/05/21	Wed 12/05/21	798
800	ceiling (skimming coat / false ceiling)	7 days	Thu 13/05/21	Thu 20/05/21	799
801	Internal painting (sealer / base coat)	7 days	Fri 21/05/21	Fri 28/05/21	798FS+14 days,800
802	M&E 2nd fix (wiring, circuits)	7 days	Sat 29/05/21	Sat 5/06/21	801
803	Window inner frame & glazing	7 days	Mon 7/06/21	Mon 14/06/21	802
804	Internal floor finishes except parquet	7 days	Tue 15/06/21	Tue 22/06/21	803
805	Timber floor installation	7 days	Wed 23/06/21	Wed 30/06/21	804
806	Cabinetry Work	7 days	Thu 1/07/21	Thu 8/07/21	
807	Kitchen cabinetry work + vanity top	7 days	Thu 1/07/21	Thu 8/07/21	805
808	Bedroom wardrobes	7 days	Thu 1/07/21	Thu 8/07/21	807SS
809	Door panel installation	7 days	Fri 9/07/21	Fri 16/07/21	806
810	M&E final fix	7 days	Sat 17/07/21	Sat 24/07/21	795,809
811	Wet Area (Kitchen)	70 days	Wed 5/05/21	Sat 24/07/21	
812	Internal wet area waterproofing	7 days	Wed 5/05/21	Wed 12/05/21	798
813	Water ponding test	3 days	Thu 13/05/21	Sat 15/05/21	812
814	Protective screed over waterproofing	3 days	Mon 17/05/21	Wed 19/05/21	813
815	Internal wall tiling	8 days	Thu 20/05/21	Fri 28/05/21	814
816	False ceiling	8 days	Sat 29/05/21	Mon 7/06/21	815
817	Internal painting (sealer / base coat)	7 days	Tue 8/06/21	Tue 15/06/21	816
818	M&E 2nd fix (wiring, circuit)	7 days	Wed 16/06/21	Wed 23/06/21	817
819	Internal floor finishes	7 days	Thu 24/06/21	Thu 1/07/21	818
820	Sink & Fitting installation	7 days	Fri 9/07/21	Fri 16/07/21	807,819
821	M&E final fix	7 days	Sat 17/07/21	Sat 24/07/21	820
822	M&E services preliminary T&C	7 days	Mon 26/07/21	Mon 2/08/21	810,821
823	Final painting	5 days	Tue 3/08/21	Sat 7/08/21	822
824	Clean up and lock up	6 days	Mon 9/08/21	Sat 14/08/21	823
825	**3rd Storey**	**124 days**	**Fri 9/04/21**	**Tue 31/08/21**	
826	Sanitary stack and waste pipe installation	7 days	Fri 9/04/21	Fri 16/04/21	792FS+7 days
827	RWDP installation	1 day	Sat 17/04/21	Sat 17/04/21	826
828	Block wall installation	7 days	Mon 19/04/21	Mon 26/04/21	827
829	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Wed 5/05/21	Wed 12/05/21	828FS+7 days
830	Window outer frame installation	7 days	Wed 5/05/21	Wed 12/05/21	829SS
831	Door outer frame installation	7 days	Wed 5/05/21	Wed 12/05/21	830SS
832	Internal wall Skim Coat	7 days	Thu 13/05/21	Thu 20/05/21	830,831
833	Floor screeding to receive respective final finishes	7 days	Fri 21/05/21	Fri 28/05/21	832
834	ceiling (skimming coat / false ceiling)	7 days	Sat 29/05/21	Sat 5/06/21	833
835	Internal painting (sealer / base coat)	7 days	Mon 7/06/21	Mon 14/06/21	832FS+14 days,834
836	M&E 2nd fix (wiring, circuits)	7 days	Tue 15/06/21	Tue 22/06/21	835

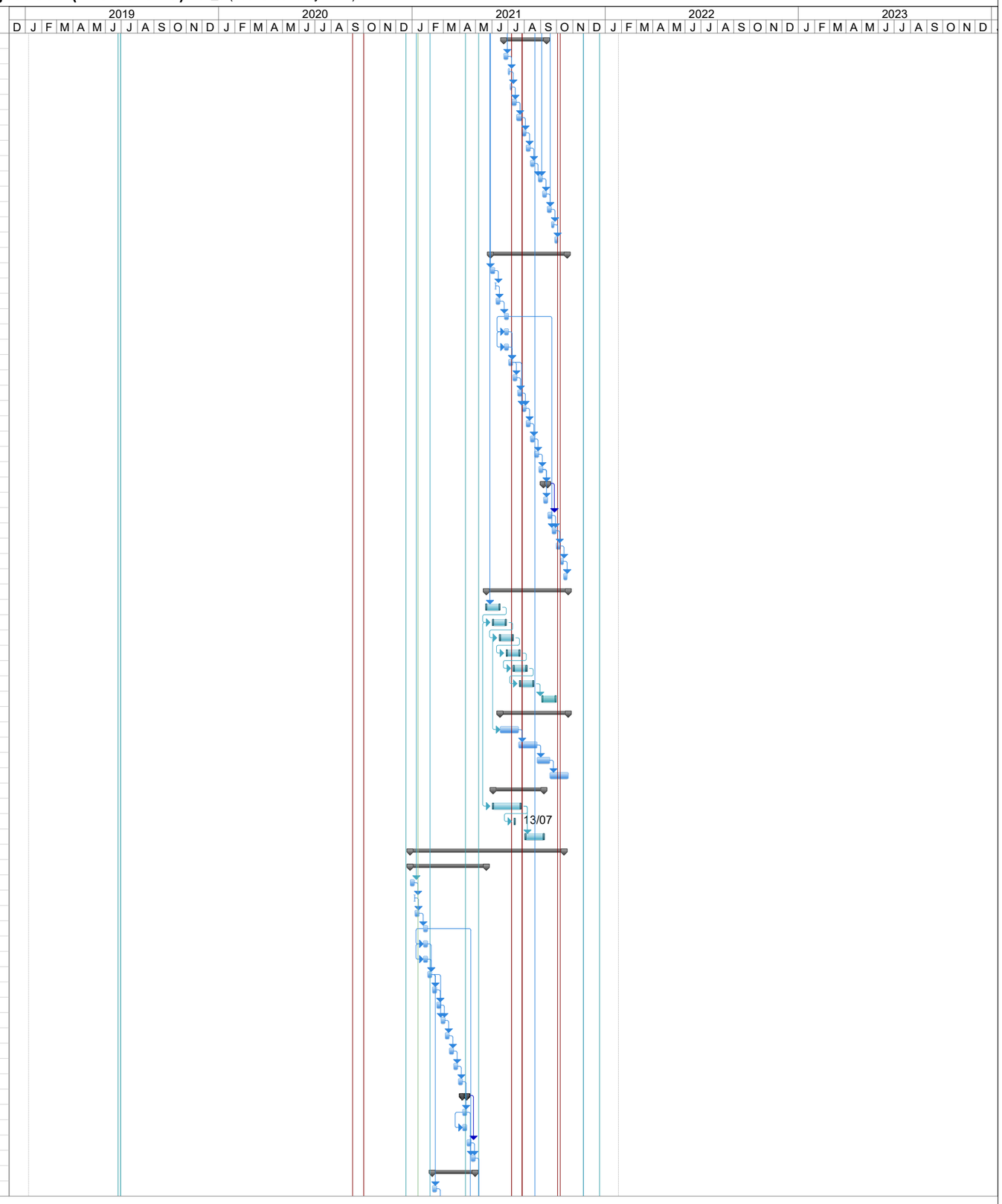


ID	Task Name	Duration	Start	Finish	Predecessors
837	Window inner frame & glazing	7 days	Wed 23/06/21	Wed 30/06/21	836
838	Internal floor finishes except parquet	7 days	Thu 1/07/21	Thu 8/07/21	837
839	Timber floor installation	7 days	Fri 9/07/21	Fri 16/07/21	838
840	Cabinetry Work	7 days	Sat 17/07/21	Sat 24/07/21	
841	Kitchen cabinetry work + vanity top	7 days	Sat 17/07/21	Sat 24/07/21	839
842	Bedroom wardrobes	7 days	Sat 17/07/21	Sat 24/07/21	841SS
843	Door panel installation	7 days	Mon 26/07/21	Mon 2/08/21	840
844	M&E final fix	7 days	Tue 3/08/21	Tue 10/08/21	829,843
845	Wet Area (Kitchen)	70 days	Fri 21/05/21	Tue 10/08/21	
846	Internal wet area waterproofing	7 days	Fri 21/05/21	Fri 28/05/21	832
847	Water ponding test	3 days	Sat 29/05/21	Tue 1/06/21	846
848	Protective screed over waterproofing	3 days	Wed 2/06/21	Fri 4/06/21	847
849	Internal wall tiling	8 days	Sat 5/06/21	Mon 14/06/21	848
850	False ceiling	8 days	Tue 15/06/21	Wed 23/06/21	849
851	Internal painting (sealer / base coat)	7 days	Thu 24/06/21	Thu 1/07/21	850
852	M&E 2nd fix (wiring, circuit)	7 days	Fri 2/07/21	Fri 9/07/21	851
853	Internal floor finishes	7 days	Sat 10/07/21	Sat 17/07/21	852
854	Sink & Fitting installation	7 days	Mon 26/07/21	Mon 2/08/21	841,853
855	M&E final fix	7 days	Tue 3/08/21	Tue 10/08/21	854
856	M&E services preliminary T&C	7 days	Wed 11/08/21	Wed 18/08/21	844,855
857	Final painting	5 days	Thu 19/08/21	Tue 24/08/21	856
858	Clean up and lock up	6 days	Wed 25/08/21	Tue 31/08/21	857
859	**4th Storey**	**124 days**	**Mon 26/04/21**	**Thu 16/09/21**	
860	Sanitary stack and waste pipe installation	7 days	Mon 26/04/21	Mon 3/05/21	826FS+7 days
861	RWDP installation	1 day	Tue 4/05/21	Tue 4/05/21	860
862	Block wall installation	7 days	Wed 5/05/21	Wed 12/05/21	861
863	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Fri 21/05/21	Fri 28/05/21	862FS+7 days
864	Window outer frame installation	7 days	Fri 21/05/21	Fri 28/05/21	863SS
865	Door outer frame installation	7 days	Fri 21/05/21	Fri 28/05/21	864SS
866	Internal wall Skim Coat	7 days	Sat 29/05/21	Sat 5/06/21	864,865
867	Floor screeding to receive respective final finishes	7 days	Mon 7/06/21	Mon 14/06/21	866
868	ceiling (skimming coat / false ceiling)	7 days	Tue 15/06/21	Tue 22/06/21	867
869	Internal painting (sealer / base coat)	7 days	Wed 23/06/21	Wed 30/06/21	866FS+14 days,868
870	M&E 2nd fix (wiring, circuits)	7 days	Thu 1/07/21	Thu 8/07/21	869
871	Window inner frame & glazing	7 days	Fri 9/07/21	Fri 16/07/21	870
872	Internal floor finishes except parquet	7 days	Sat 17/07/21	Sat 24/07/21	871
873	Timber floor installation	7 days	Mon 26/07/21	Mon 2/08/21	872
874	Cabinetry Work	7 days	Tue 3/08/21	Tue 10/08/21	
875	Kitchen cabinetry work + vanity top	7 days	Tue 3/08/21	Tue 10/08/21	873
876	Bedroom wardrobes	7 days	Tue 3/08/21	Tue 10/08/21	875SS
877	Door panel installation	7 days	Wed 11/08/21	Wed 18/08/21	874
878	M&E final fix	7 days	Thu 19/08/21	Thu 26/08/21	863,877
879	Wet Area (Kitchen)	70 days	Mon 7/06/21	Thu 26/08/21	
880	Internal wet area waterproofing	7 days	Mon 7/06/21	Mon 14/06/21	866
881	Water ponding test	3 days	Tue 15/06/21	Thu 17/06/21	880
882	Protective screed over waterproofing	3 days	Fri 18/06/21	Mon 21/06/21	881
883	Internal wall tiling	8 days	Tue 22/06/21	Wed 30/06/21	882
884	False ceiling	8 days	Thu 1/07/21	Fri 9/07/21	883
885	Internal painting (sealer / base coat)	7 days	Sat 10/07/21	Sat 17/07/21	884
886	M&E 2nd fix (wiring, circuit)	7 days	Mon 19/07/21	Mon 26/07/21	885
887	Internal floor finishes	7 days	Tue 27/07/21	Tue 3/08/21	886
888	Sink & Fitting installation	7 days	Wed 11/08/21	Wed 18/08/21	875,887
889	M&E final fix	7 days	Thu 19/08/21	Thu 26/08/21	888
890	M&E services preliminary T&C	7 days	Fri 27/08/21	Fri 3/09/21	878,889
891	Final painting	5 days	Sat 4/09/21	Thu 9/09/21	890
892	Clean up and lock up	6 days	Fri 10/09/21	Thu 16/09/21	891
893	**5th Storey**	**124 days**	**Wed 12/05/21**	**Sat 2/10/21**	
894	Sanitary stack and waste pipe installation	7 days	Wed 12/05/21	Wed 19/05/21	860FS+7 days
895	RWDP installation	1 day	Thu 20/05/21	Thu 20/05/21	894
896	Block wall installation	7 days	Fri 21/05/21	Fri 28/05/21	895
897	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Mon 7/06/21	Mon 14/06/21	896FS+7 days
898	Window outer frame installation	7 days	Mon 7/06/21	Mon 14/06/21	897SS
899	Door outer frame installation	7 days	Mon 7/06/21	Mon 14/06/21	898SS
900	Internal wall Skim Coat	7 days	Tue 15/06/21	Tue 22/06/21	898,899
901	Floor screeding to receive respective final finishes	7 days	Wed 23/06/21	Wed 30/06/21	900
902	ceiling (skimming coat / false ceiling)	7 days	Thu 1/07/21	Thu 8/07/21	901
903	Internal painting (sealer / base coat)	7 days	Fri 9/07/21	Fri 16/07/21	900FS+14 days,902
904	M&E 2nd fix (wiring, circuits)	7 days	Sat 17/07/21	Sat 24/07/21	903
905	Window inner frame & glazing	7 days	Mon 26/07/21	Mon 2/08/21	904
906	Internal floor finishes except parquet	7 days	Tue 3/08/21	Tue 10/08/21	905
907	Timber floor installation	7 days	Wed 11/08/21	Wed 18/08/21	906
908	Cabinetry Work	7 days	Thu 19/08/21	Thu 26/08/21	
909	Kitchen cabinetry work + vanity top	7 days	Thu 19/08/21	Thu 26/08/21	907
910	Bedroom wardrobes	7 days	Thu 19/08/21	Thu 26/08/21	909SS
911	Door panel installation	7 days	Fri 27/08/21	Fri 3/09/21	908
912	M&E final fix	7 days	Sat 4/09/21	Sat 11/09/21	897,911



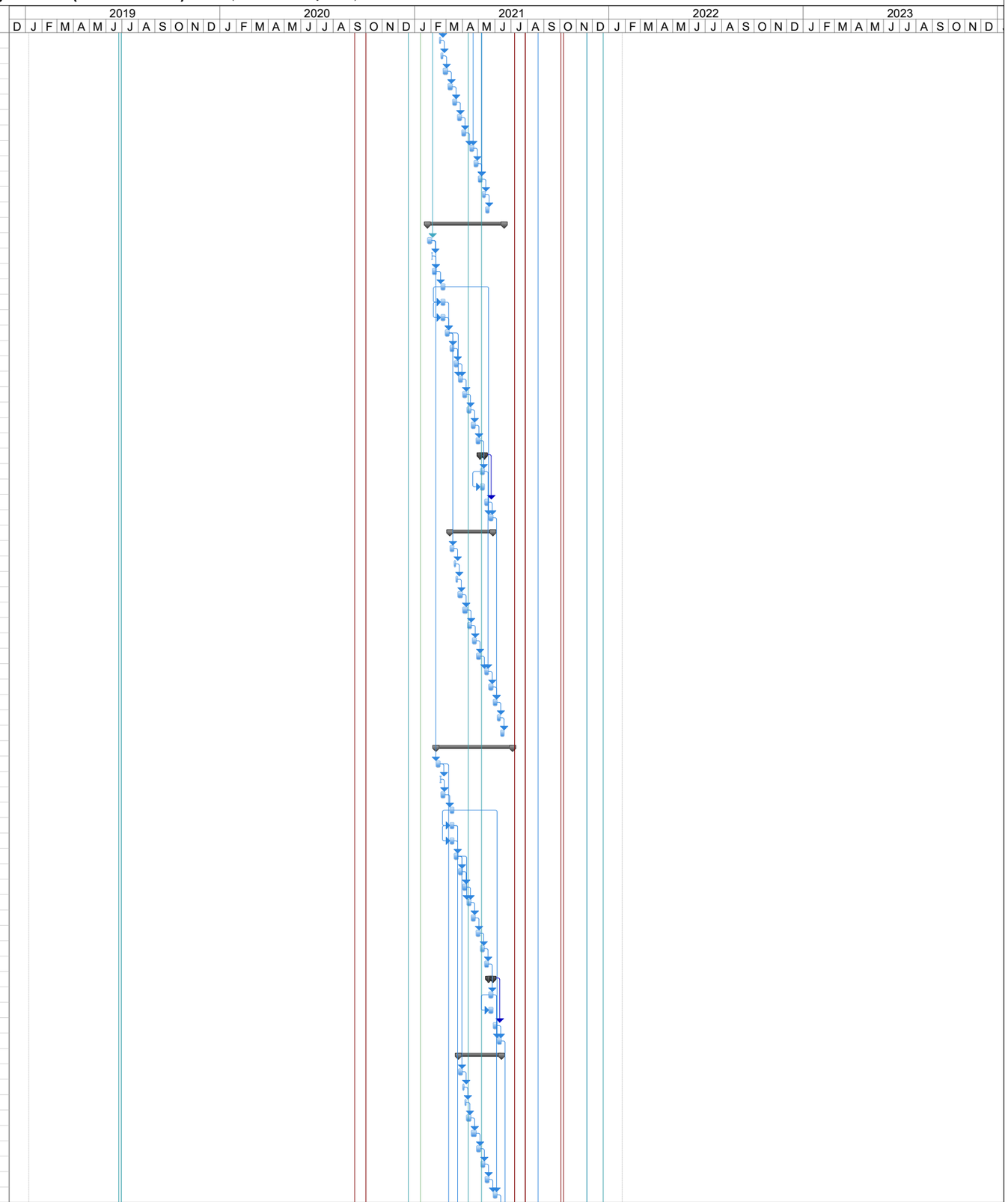
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
913	Wet Area (Kitchen)	70 days	Wed 23/06/21	Sat 11/09/21	
914	Internal wet area waterproofing	7 days	Wed 23/06/21	Wed 30/06/21	900
915	Water ponding test	3 days	Thu 1/07/21	Sat 3/07/21	914
916	Protective screed over waterproofing	3 days	Mon 5/07/21	Wed 7/07/21	915
917	Internal wall tiling	8 days	Thu 8/07/21	Fri 16/07/21	916
918	False ceiling	8 days	Sat 17/07/21	Mon 26/07/21	917
919	Internal painting (sealer / base coat)	7 days	Tue 27/07/21	Tue 3/08/21	918
920	M&E 2nd fix (wiring, circuit)	7 days	Wed 4/08/21	Wed 11/08/21	919
921	Internal floor finishes	7 days	Thu 12/08/21	Thu 19/08/21	920
922	Sink & Fitting installation	7 days	Fri 27/08/21	Fri 3/09/21	909,921
923	M&E final fix	7 days	Sat 4/09/21	Sat 11/09/21	922
924	M&E services preliminary T&C	7 days	Mon 13/09/21	Mon 20/09/21	912,923
925	Final painting	5 days	Tue 21/09/21	Sat 25/09/21	924
926	Clean up and lock up	6 days	Mon 27/09/21	Sat 2/10/21	925
927	**Attic Storey**	**124 days**	**Sat 29/05/21**	**Wed 20/10/21**	
928	Sanitary stack and waste pipe installation	7 days	Sat 29/05/21	Sat 5/06/21	895FS+7 days
929	RWDP installation	1 day	Mon 7/06/21	Mon 7/06/21	928
930	Block wall installation	7 days	Tue 8/06/21	Tue 15/06/21	929
931	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Thu 24/06/21	Thu 1/07/21	930FS+7 days
932	Window outer frame installation	7 days	Thu 24/06/21	Thu 1/07/21	931SS
933	Door outer frame installation	7 days	Thu 24/06/21	Thu 1/07/21	932SS
934	Internal wall Skim Coat	7 days	Fri 2/07/21	Fri 9/07/21	932,933
935	Floor screeding to receive respective final finishes	7 days	Sat 10/07/21	Sat 17/07/21	934
936	ceiling (skimming coat / false ceiling)	7 days	Mon 19/07/21	Mon 26/07/21	935
937	Internal painting (sealer / base coat)	7 days	Tue 27/07/21	Tue 3/08/21	934FS+14 days,936
938	M&E 2nd fix (wiring, circuits)	7 days	Wed 4/08/21	Wed 11/08/21	937
939	Window inner frame & glazing	7 days	Thu 12/08/21	Thu 19/08/21	938
940	Internal floor finishes except parquet	7 days	Fri 20/08/21	Fri 27/08/21	939
941	Timber floor installation	7 days	Sat 28/08/21	Sat 4/09/21	940
942	Cabinetry Work	7 days	Mon 6/09/21	Mon 13/09/21	941
943	Bedroom wardrobes	7 days	Mon 6/09/21	Mon 13/09/21	941
944	Door panel installation	7 days	Tue 14/09/21	Tue 21/09/21	942
945	M&E final fix	7 days	Wed 22/09/21	Wed 29/09/21	931,944
946	M&E services preliminary T&C	7 days	Thu 30/09/21	Thu 7/10/21	945
947	Final painting	5 days	Fri 8/10/21	Wed 13/10/21	946
948	Clean up and lock up	6 days	Thu 14/10/21	Wed 20/10/21	947
949	**Stories Common Area: Lobby, Staircase & Roof**	**133 days**	**Fri 21/05/21**	**Fri 22/10/21**	
950	Basement Common Area, Lobby & Staircase	21 days	Fri 21/05/21	Mon 14/06/21	800
951	1st Storey Common Area, Lobby & Staircase	21 days	Thu 3/06/21	Sat 26/06/21	950FS-10 days
952	2nd Storey Common Area, Lobby & staircase	21 days	Wed 16/06/21	Fri 9/07/21	951FS-10 days
953	3rd Storey Common Area, Lobby & Staircase	21 days	Tue 29/06/21	Thu 22/07/21	952FS-10 days
954	4th Storey Common Area, Lobby & Staircase	21 days	Mon 12/07/21	Wed 4/08/21	953FS-10 days
955	5th Storey Common Area, Lobby & Staircase	21 days	Sat 24/07/21	Tue 17/08/21	954FS-10 days
956	Attic Roof Common Area & Staircase	21 days	Sat 4/09/21	Tue 28/09/21	955FS-10 days
957	**Roof**	**111 days**	**Wed 16/06/21**	**Fri 22/10/21**	
958	Misc RC works	30 days	Wed 16/06/21	Tue 20/07/21	952SS
959	Waterproofing works	30 days	Wed 21/07/21	Tue 24/08/21	958
960	Plastering	21 days	Wed 25/08/21	Fri 17/09/21	959
961	Misc. works	30 days	Sat 18/09/21	Fri 22/10/21	960
962	**External Façade**	**82 days**	**Thu 3/06/21**	**Mon 6/09/21**	
963	External wall plastering	45 days	Thu 3/06/21	Sat 24/07/21	951SS
964	Water tightness test	20 days	Mon 21/06/21	Tue 13/07/21	963FS-30 days
965	External wall painting	30 days	Tue 3/08/21	Mon 6/09/21	963FS+7 days
966	**Block 17 Architectural & M&E Works**	**250 days**	**Mon 28/12/20**	**Thu 14/10/21**	
967	**1st Storey**	**124 days**	**Mon 28/12/20**	**Thu 20/05/21**	
968	Sanitary stack and waste pipe installation	7 days	Mon 28/12/20	Mon 4/01/21	294
969	RWDP installation	1 day	Tue 5/01/21	Tue 5/01/21	968
970	Block wall installation	7 days	Wed 6/01/21	Wed 13/01/21	969
971	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Fri 22/01/21	Fri 29/01/21	970FS+7 days
972	Window outer frame installation	7 days	Fri 22/01/21	Fri 29/01/21	971SS
973	Door outer frame installation	7 days	Fri 22/01/21	Fri 29/01/21	972SS
974	Internal wall Skim Coat	7 days	Sat 30/01/21	Sat 6/02/21	972,973
975	Floor screeding to receive respective final finishes	7 days	Mon 8/02/21	Mon 15/02/21	974
976	ceiling (skimming coat / false ceiling)	7 days	Tue 16/02/21	Tue 23/02/21	975
977	Internal painting (sealer / base coat)	7 days	Wed 24/02/21	Wed 3/03/21	974FS+14 days,976
978	M&E 2nd fix (wiring, circuits)	7 days	Thu 4/03/21	Thu 11/03/21	977
979	Window inner frame & glazing	7 days	Fri 12/03/21	Fri 19/03/21	978
980	Internal floor finishes except parquet	7 days	Sat 20/03/21	Sat 27/03/21	979
981	Timber floor installation	7 days	Mon 29/03/21	Mon 5/04/21	980
982	Cabinetry Work	7 days	Tue 6/04/21	Tue 13/04/21	
983	Kitchen cabinetry work + vanity top	7 days	Tue 6/04/21	Tue 13/04/21	981
984	Bedroom wardrobes	7 days	Tue 6/04/21	Tue 13/04/21	983SS
985	Door panel installation	7 days	Wed 14/04/21	Wed 21/04/21	982
986	M&E final fix	7 days	Thu 22/04/21	Thu 29/04/21	971,985
987	Wet Area (Kitchen)	70 days	Mon 8/02/21	Thu 29/04/21	
988	Internal wet area waterproofing	7 days	Mon 8/02/21	Mon 15/02/21	974



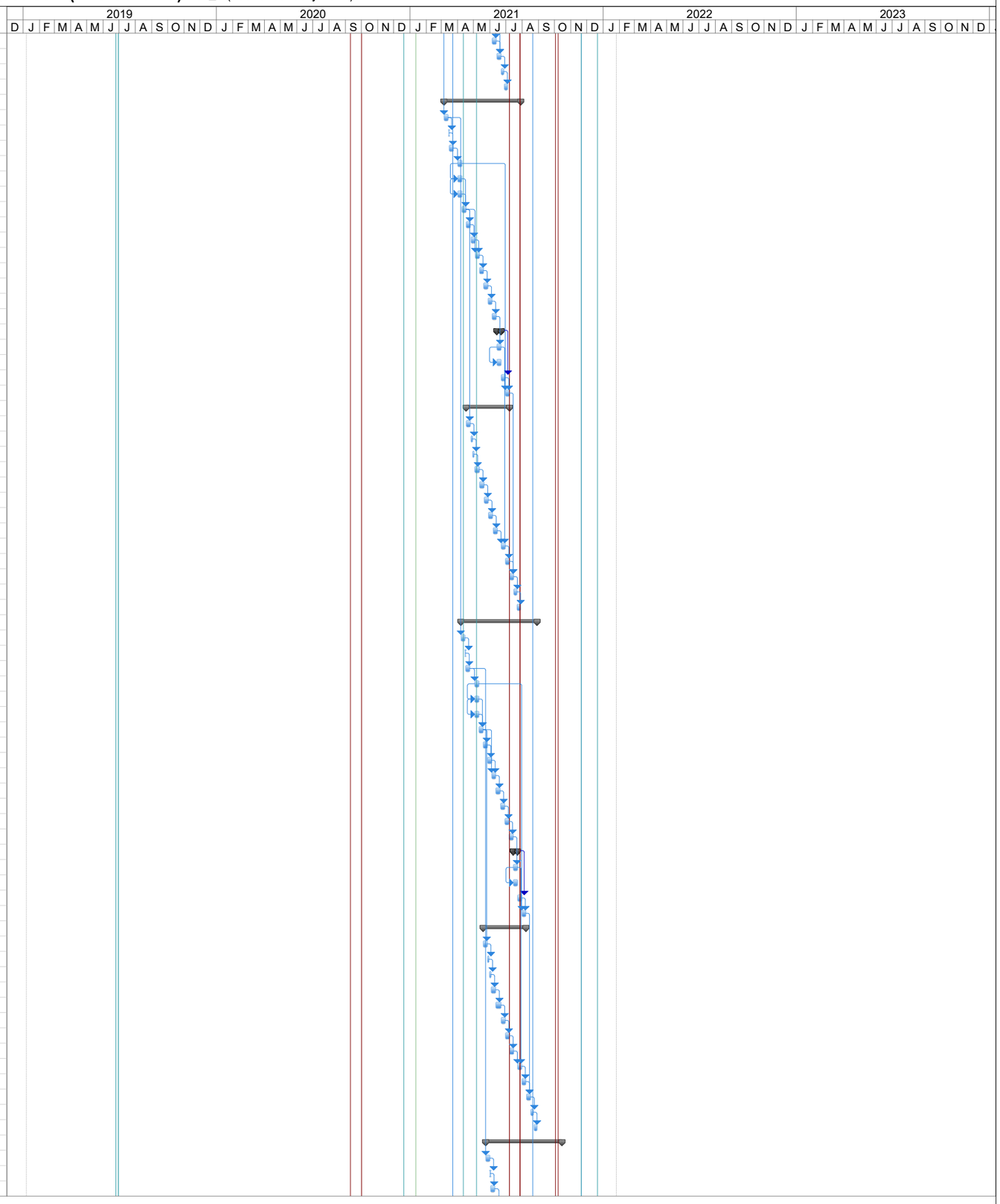
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
989	Water ponding test	3 days	Tue 16/02/21	Thu 18/02/21	988
990	Protective screed over waterproofing	3 days	Fri 19/02/21	Mon 22/02/21	989
991	Internal wall tiling	8 days	Tue 23/02/21	Wed 3/03/21	990
992	False ceiling	8 days	Thu 4/03/21	Fri 12/03/21	991
993	Internal painting (sealer / base coat)	7 days	Sat 13/03/21	Sat 20/03/21	992
994	M&E 2nd fix (wiring, circuit)	7 days	Mon 22/03/21	Mon 29/03/21	993
995	Internal floor finishes	7 days	Tue 30/03/21	Tue 6/04/21	994
996	Sink & Fitting installation	7 days	Wed 14/04/21	Wed 21/04/21	983,995
997	M&E final fix	7 days	Thu 22/04/21	Thu 29/04/21	996
998	M&E services preliminary T&C	7 days	Fri 30/04/21	Fri 7/05/21	986,997
999	Final painting	5 days	Sat 8/05/21	Thu 13/05/21	998
1000	Clean up and lock up	6 days	Fri 14/05/21	Thu 20/05/21	999
1001	**2nd Storey**	**124 days**	**Mon 25/01/21**	**Thu 17/06/21**	
1002	Sanitary stack and waste pipe installation	7 days	Mon 25/01/21	Mon 1/02/21	295FS+2 days
1003	RWDP installation	1 day	Tue 2/02/21	Tue 2/02/21	1002
1004	Block wall installation	7 days	Wed 3/02/21	Wed 10/02/21	1003
1005	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Fri 19/02/21	Fri 26/02/21	1004FS+7 days
1006	Window outer frame installation	7 days	Fri 19/02/21	Fri 26/02/21	1005SS
1007	Door outer frame installation	7 days	Fri 19/02/21	Fri 26/02/21	1006SS
1008	Internal wall Skim Coat	7 days	Sat 27/02/21	Sat 6/03/21	1006,1007
1009	Floor screeding to receive respective final finishes	7 days	Mon 8/03/21	Mon 15/03/21	1008
1010	ceiling (skimming coat / false ceiling)	7 days	Tue 16/03/21	Tue 23/03/21	1009
1011	Internal painting (sealer / base coat)	7 days	Wed 24/03/21	Wed 31/03/21	1008FS+14 days,1010
1012	M&E 2nd fix (wiring, circuits)	7 days	Thu 1/04/21	Thu 8/04/21	1011
1013	Window inner frame & glazing	7 days	Fri 9/04/21	Fri 16/04/21	1012
1014	Internal floor finishes except parquet	7 days	Sat 17/04/21	Sat 24/04/21	1013
1015	Timber floor installation	7 days	Mon 26/04/21	Mon 3/05/21	1014
1016	Cabinetry Work	7 days	Tue 4/05/21	Tue 11/05/21	
1017	Kitchen cabinetry work + vanity top	7 days	Tue 4/05/21	Tue 11/05/21	1015
1018	Bedroom wardrobes	7 days	Tue 4/05/21	Tue 11/05/21	1017SS
1019	Door panel installation	7 days	Wed 12/05/21	Wed 19/05/21	1016
1020	M&E final fix	7 days	Thu 20/05/21	Thu 27/05/21	1005,1019
1021	Wet Area (Kitchen)	70 days	Mon 8/03/21	Thu 27/05/21	
1022	Internal wet area waterproofing	7 days	Mon 8/03/21	Mon 15/03/21	1008
1023	Water ponding test	3 days	Tue 16/03/21	Thu 18/03/21	1022
1024	Protective screed over waterproofing	3 days	Fri 19/03/21	Mon 22/03/21	1023
1025	Internal wall tiling	8 days	Tue 23/03/21	Wed 31/03/21	1024
1026	False ceiling	8 days	Thu 1/04/21	Fri 9/04/21	1025
1027	Internal painting (sealer / base coat)	7 days	Sat 10/04/21	Sat 17/04/21	1026
1028	M&E 2nd fix (wiring, circuit)	7 days	Mon 19/04/21	Mon 26/04/21	1027
1029	Internal floor finishes	7 days	Tue 27/04/21	Tue 4/05/21	1028
1030	Sink & Fitting installation	7 days	Wed 12/05/21	Wed 19/05/21	1017,1029
1031	M&E final fix	7 days	Thu 20/05/21	Thu 27/05/21	1030
1032	M&E services preliminary T&C	7 days	Fri 28/05/21	Fri 4/06/21	1020,1031
1033	Final painting	5 days	Sat 5/06/21	Thu 10/06/21	1032
1034	Clean up and lock up	6 days	Fri 11/06/21	Thu 17/06/21	1033
1035	**3rd Storey**	**124 days**	**Wed 10/02/21**	**Sat 3/07/21**	
1036	Sanitary stack and waste pipe installation	7 days	Wed 10/02/21	Wed 17/02/21	1002FS+7 days
1037	RWDP installation	1 day	Thu 18/02/21	Thu 18/02/21	1036
1038	Block wall installation	7 days	Fri 19/02/21	Fri 26/02/21	1037
1039	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Mon 8/03/21	Mon 15/03/21	1038FS+7 days
1040	Window outer frame installation	7 days	Mon 8/03/21	Mon 15/03/21	1039SS
1041	Door outer frame installation	7 days	Mon 8/03/21	Mon 15/03/21	1040SS
1042	Internal wall Skim Coat	7 days	Tue 16/03/21	Tue 23/03/21	1040,1041
1043	Floor screeding to receive respective final finishes	7 days	Wed 24/03/21	Wed 31/03/21	1042
1044	ceiling (skimming coat / false ceiling)	7 days	Thu 1/04/21	Thu 8/04/21	1043
1045	Internal painting (sealer / base coat)	7 days	Fri 9/04/21	Fri 16/04/21	1042FS+14 days,1044
1046	M&E 2nd fix (wiring, circuits)	7 days	Sat 17/04/21	Sat 24/04/21	1045
1047	Window inner frame & glazing	7 days	Mon 26/04/21	Mon 3/05/21	1046
1048	Internal floor finishes except parquet	7 days	Tue 4/05/21	Tue 11/05/21	1047
1049	Timber floor installation	7 days	Wed 12/05/21	Wed 19/05/21	1048
1050	Cabinetry Work	7 days	Thu 20/05/21	Thu 27/05/21	
1051	Kitchen cabinetry work + vanity top	7 days	Thu 20/05/21	Thu 27/05/21	1049
1052	Bedroom wardrobes	7 days	Thu 20/05/21	Thu 27/05/21	1051SS
1053	Door panel installation	7 days	Fri 28/05/21	Fri 4/06/21	1050
1054	M&E final fix	7 days	Sat 5/06/21	Sat 12/06/21	1039,1053
1055	Wet Area (Kitchen)	70 days	Wed 24/03/21	Sat 12/06/21	
1056	Internal wet area waterproofing	7 days	Wed 24/03/21	Wed 31/03/21	1042
1057	Water ponding test	3 days	Thu 1/04/21	Sat 3/04/21	1056
1058	Protective screed over waterproofing	3 days	Mon 5/04/21	Wed 7/04/21	1057
1059	Internal wall tiling	8 days	Thu 8/04/21	Fri 16/04/21	1058
1060	False ceiling	8 days	Sat 17/04/21	Mon 26/04/21	1059
1061	Internal painting (sealer / base coat)	7 days	Tue 27/04/21	Tue 4/05/21	1060
1062	M&E 2nd fix (wiring, circuit)	7 days	Wed 5/05/21	Wed 12/05/21	1061
1063	Internal floor finishes	7 days	Thu 13/05/21	Thu 20/05/21	1062
1064	Sink & Fitting installation	7 days	Fri 28/05/21	Fri 4/06/21	1051,1063



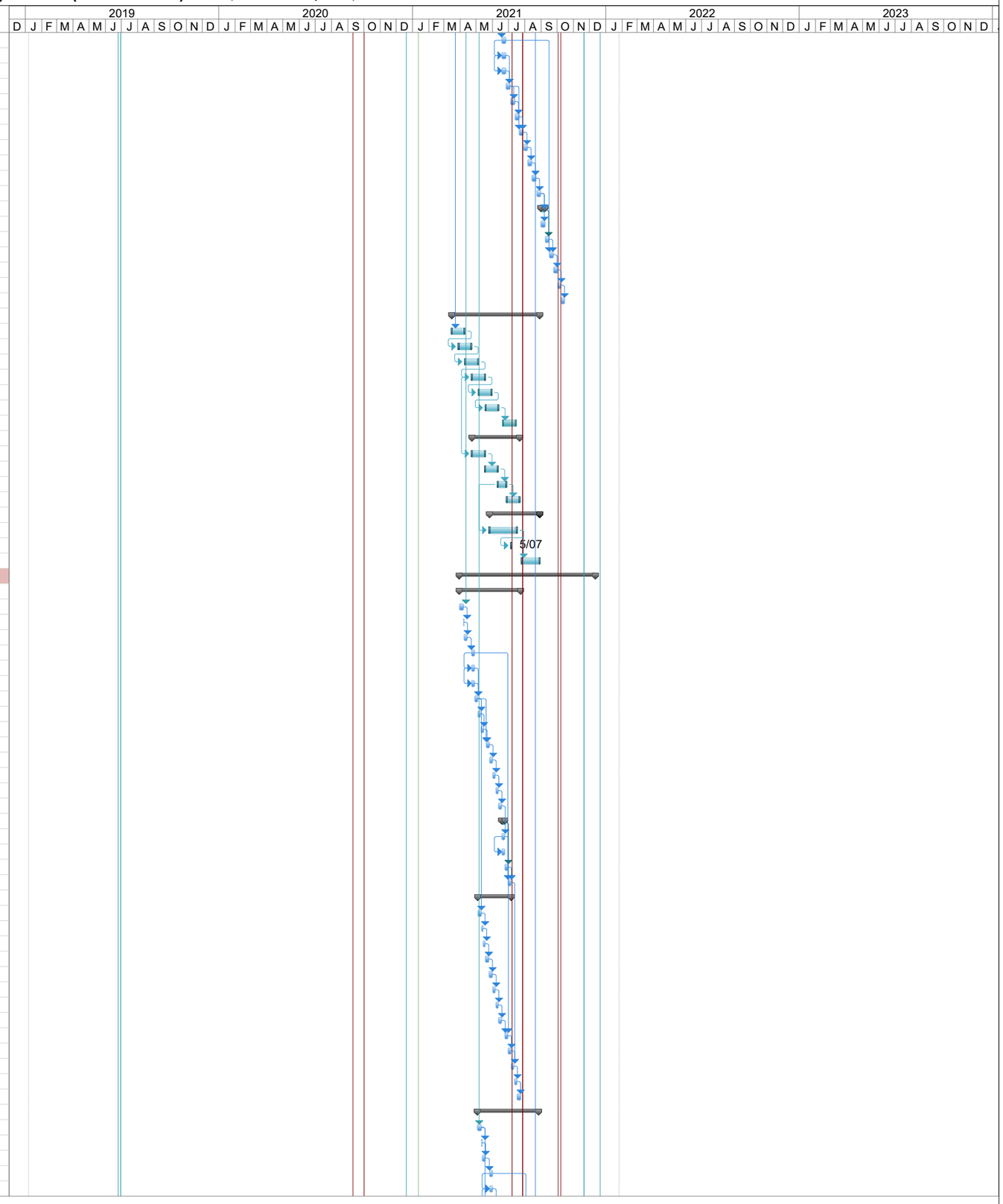
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1065	M&E final fix	7 days	Sat 5/06/21	Sat 12/06/21	1064
1066	M&E services preliminary T&C	7 days	Mon 14/06/21	Mon 21/06/21	1054,1065
1067	Final painting	5 days	Tue 22/06/21	Sat 26/06/21	1066
1068	Clean up and lock up	6 days	Mon 28/06/21	Sat 3/07/21	1067
1069	**4th Storey**	**124 days**	**Sat 6/03/21**	**Wed 28/07/21**	
1070	Sanitary stack and waste pipe installation	7 days	Sat 6/03/21	Sat 13/03/21	1036FS+14 days
1071	RWDP installation	1 day	Mon 15/03/21	Mon 15/03/21	1070
1072	Block wall installation	7 days	Tue 16/03/21	Tue 23/03/21	1071
1073	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Thu 1/04/21	Thu 8/04/21	1072FS+7 days
1074	Window outer frame installation	7 days	Thu 1/04/21	Thu 8/04/21	1073SS
1075	Door outer frame installation	7 days	Thu 1/04/21	Thu 8/04/21	1074SS
1076	Internal wall Skim Coat	7 days	Fri 9/04/21	Fri 16/04/21	1074,1075
1077	Floor screeding to receive respective final finishes	7 days	Sat 17/04/21	Sat 24/04/21	1076
1078	ceiling (skimming coat / false ceiling)	7 days	Mon 26/04/21	Mon 3/05/21	1077
1079	Internal painting (sealer / base coat)	7 days	Tue 4/05/21	Tue 11/05/21	1076FS+14 days,1078
1080	M&E 2nd fix (wiring, circuits)	7 days	Wed 12/05/21	Wed 19/05/21	1079
1081	Window inner frame & glazing	7 days	Thu 20/05/21	Thu 27/05/21	1080
1082	Internal floor finishes except parquet	7 days	Fri 28/05/21	Fri 4/06/21	1081
1083	Timber floor installation	7 days	Sat 5/06/21	Sat 12/06/21	1082
1084	Cabinetry Work	7 days	Mon 14/06/21	Mon 21/06/21	
1085	Kitchen cabinetry work + vanity top	7 days	Mon 14/06/21	Mon 21/06/21	1083
1086	Bedroom wardrobes	7 days	Mon 14/06/21	Mon 21/06/21	1085SS
1087	Door panel installation	7 days	Tue 22/06/21	Tue 29/06/21	1084
1088	M&E final fix	7 days	Wed 30/06/21	Wed 7/07/21	1073,1087
1089	Wet Area (Kitchen)	70 days	Sat 17/04/21	Wed 7/07/21	
1090	Internal wet area waterproofing	7 days	Sat 17/04/21	Sat 24/04/21	1076
1091	Water ponding test	3 days	Mon 26/04/21	Wed 28/04/21	1090
1092	Protective screed over waterproofing	3 days	Thu 29/04/21	Sat 1/05/21	1091
1093	Internal wall tiling	8 days	Mon 3/05/21	Tue 11/05/21	1092
1094	False ceiling	8 days	Wed 12/05/21	Thu 20/05/21	1093
1095	Internal painting (sealer / base coat)	7 days	Fri 21/05/21	Fri 28/05/21	1094
1096	M&E 2nd fix (wiring, circuit)	7 days	Sat 29/05/21	Sat 5/06/21	1095
1097	Internal floor finishes	7 days	Mon 7/06/21	Mon 14/06/21	1096
1098	Sink & Fitting installation	7 days	Tue 22/06/21	Tue 29/06/21	1085,1097
1099	M&E final fix	7 days	Wed 30/06/21	Wed 7/07/21	1098
1100	M&E services preliminary T&C	7 days	Thu 8/07/21	Thu 15/07/21	1088,1099
1101	Final painting	5 days	Fri 16/07/21	Wed 21/07/21	1100
1102	Clean up and lock up	6 days	Thu 22/07/21	Wed 28/07/21	1101
1103	**5th Storey**	**124 days**	**Wed 7/04/21**	**Sat 28/08/21**	
1104	Sanitary stack and waste pipe installation	7 days	Wed 7/04/21	Wed 14/04/21	1070FS+20 days
1105	RWDP installation	1 day	Thu 15/04/21	Thu 15/04/21	1104
1106	Block wall installation	7 days	Fri 16/04/21	Fri 23/04/21	1105
1107	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Mon 3/05/21	Mon 10/05/21	1106FS+7 days
1108	Window outer frame installation	7 days	Mon 3/05/21	Mon 10/05/21	1107SS
1109	Door outer frame installation	7 days	Mon 3/05/21	Mon 10/05/21	1108SS
1110	Internal wall Skim Coat	7 days	Tue 11/05/21	Tue 18/05/21	1108,1109
1111	Floor screeding to receive respective final finishes	7 days	Wed 19/05/21	Wed 26/05/21	1110
1112	ceiling (skimming coat / false ceiling)	7 days	Thu 27/05/21	Thu 3/06/21	1111
1113	Internal painting (sealer / base coat)	7 days	Fri 4/06/21	Fri 11/06/21	1110FS+14 days,1112
1114	M&E 2nd fix (wiring, circuits)	7 days	Sat 12/06/21	Sat 19/06/21	1113
1115	Window inner frame & glazing	7 days	Mon 21/06/21	Mon 28/06/21	1114
1116	Internal floor finishes except parquet	7 days	Tue 29/06/21	Tue 6/07/21	1115
1117	Timber floor installation	7 days	Wed 7/07/21	Wed 14/07/21	1116
1118	Cabinetry Work	7 days	Thu 15/07/21	Thu 22/07/21	
1119	Kitchen cabinetry work + vanity top	7 days	Thu 15/07/21	Thu 22/07/21	1117
1120	Bedroom wardrobes	7 days	Thu 15/07/21	Thu 22/07/21	1119SS
1121	Door panel installation	7 days	Fri 23/07/21	Fri 30/07/21	1118
1122	M&E final fix	7 days	Sat 31/07/21	Sat 7/08/21	1107,1121
1123	Wet Area (Kitchen)	70 days	Wed 19/05/21	Sat 7/08/21	
1124	Internal wet area waterproofing	7 days	Wed 19/05/21	Wed 26/05/21	1110
1125	Water ponding test	3 days	Thu 27/05/21	Sat 29/05/21	1124
1126	Protective screed over waterproofing	3 days	Mon 31/05/21	Wed 2/06/21	1125
1127	Internal wall tiling	8 days	Thu 3/06/21	Fri 11/06/21	1126
1128	False ceiling	8 days	Sat 12/06/21	Mon 21/06/21	1127
1129	Internal painting (sealer / base coat)	7 days	Tue 22/06/21	Tue 29/06/21	1128
1130	M&E 2nd fix (wiring, circuit)	7 days	Wed 30/06/21	Wed 7/07/21	1129
1131	Internal floor finishes	7 days	Thu 8/07/21	Thu 15/07/21	1130
1132	Sink & Fitting installation	7 days	Fri 23/07/21	Fri 30/07/21	1119,1131
1133	M&E final fix	7 days	Sat 31/07/21	Sat 7/08/21	1132
1134	M&E services preliminary T&C	7 days	Mon 9/08/21	Mon 16/08/21	1122,1133
1135	Final painting	5 days	Tue 17/08/21	Sat 21/08/21	1134
1136	Clean up and lock up	6 days	Mon 23/08/21	Sat 28/08/21	1135
1137	**Attic Storey**	**124 days**	**Mon 24/05/21**	**Thu 14/10/21**	
1138	Sanitary stack and waste pipe installation	7 days	Mon 24/05/21	Mon 31/05/21	1106FS+25 days
1139	RWDP installation	1 day	Tue 1/06/21	Tue 1/06/21	1138
1140	Block wall installation	7 days	Wed 2/06/21	Wed 9/06/21	1139



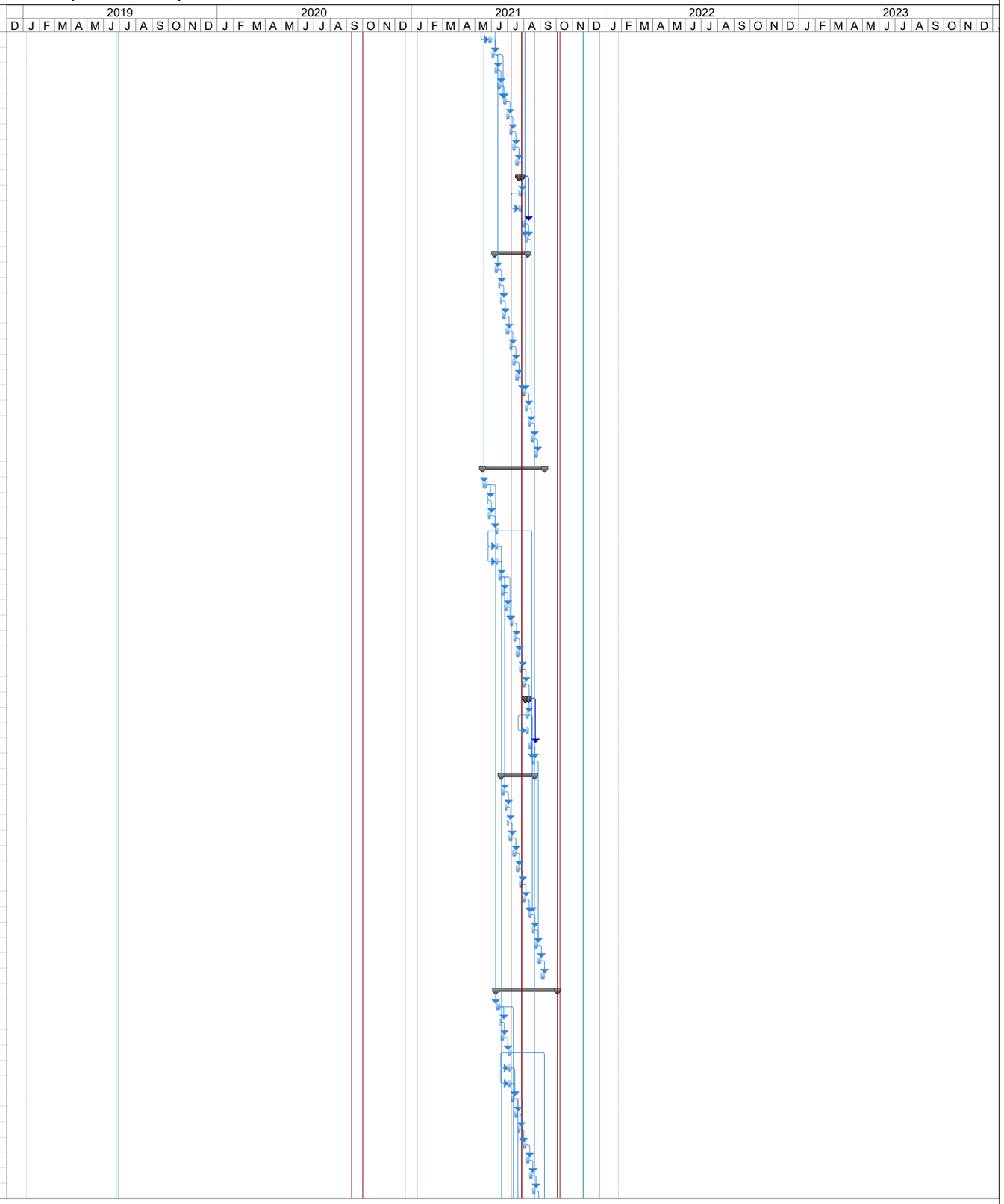
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1141	M&E 1st fix (concealed in wall or above false ceiling items)	7 days	Fri 18/06/21	Fri 25/06/21	1140FS+7 days
1142	Window outer frame installation	7 days	Fri 18/06/21	Fri 25/06/21	1141SS
1143	Door outer frame installation	7 days	Fri 18/06/21	Fri 25/06/21	1142SS
1144	Internal wall Skim Coat	7 days	Sat 26/06/21	Sat 3/07/21	1142,1143
1145	Floor screeding to receive respective final finishes	7 days	Mon 5/07/21	Mon 12/07/21	1144
1146	ceiling (skimming coat / false ceiling)	7 days	Tue 13/07/21	Tue 20/07/21	1145
1147	Internal painting (sealer / base coat)	7 days	Wed 21/07/21	Wed 28/07/21	1144FS+14 days,1146
1148	M&E 2nd fix (wiring, circuits)	7 days	Thu 29/07/21	Thu 5/08/21	1147
1149	Window inner frame & glazing	7 days	Fri 6/08/21	Fri 13/08/21	1148
1150	Internal floor finishes except parquet	7 days	Sat 14/08/21	Sat 21/08/21	1149
1151	Timber floor installation	7 days	Mon 23/08/21	Mon 30/08/21	1150
1152	Cabinetry Work	7 days	Tue 31/08/21	Tue 7/09/21	1151
1153	Bedroom wardrobes	7 days	Tue 31/08/21	Tue 7/09/21	1151
1154	Door panel installation	7 days	Wed 8/09/21	Wed 15/09/21	1152
1155	M&E final fix	7 days	Thu 16/09/21	Thu 23/09/21	1141,1154
1156	M&E services preliminary T&C	7 days	Fri 24/09/21	Fri 1/10/21	1155
1157	Final painting	5 days	Sat 2/10/21	Thu 7/10/21	1156
1158	Clean up and lock up	6 days	Fri 8/10/21	Thu 14/10/21	1157
1159	**Stories Common Area: Lobby, Staircase & Roof**	**143 days**	**Tue 16/03/21**	**Sat 28/08/21**	
1160	Basement Common Area, Lobby & Staircase	21 days	Tue 16/03/21	Thu 8/04/21	1040
1161	1st Storey Common Area, Lobby & Staircase	21 days	Mon 29/03/21	Wed 21/04/21	1160FS-10 days
1162	2nd Storey Common Area, Lobby & staircase	21 days	Sat 10/04/21	Tue 4/05/21	1161FS-10 days
1163	3rd Storey Common Area, Lobby & Staircase	21 days	Fri 23/04/21	Mon 17/05/21	1162FS-10 days
1164	4th Storey Common Area, Lobby & Staircase	21 days	Thu 6/05/21	Sat 29/05/21	1163FS-10 days
1165	5th Storey Common Area, Lobby & Staircase	21 days	Wed 19/05/21	Fri 11/06/21	1164FS-10 days
1166	Attic Roof Common Area & Staircase	21 days	Mon 21/06/21	Wed 14/07/21	1165FS-10 days
1167	**Roof**	**77 days**	**Fri 23/04/21**	**Wed 21/07/21**	
1168	Misc RC works	21 days	Fri 23/04/21	Mon 17/05/21	1163SS
1169	Waterproofing works	21 days	Tue 18/05/21	Thu 10/06/21	1168
1170	Plastering	14 days	Fri 11/06/21	Sat 26/06/21	1169
1171	Misc. works	21 days	Mon 28/06/21	Wed 21/07/21	1170
1172	**External Façade**	**82 days**	**Wed 26/05/21**	**Sat 28/08/21**	
1173	External wall plastering	45 days	Wed 26/05/21	Fri 16/07/21	1170SS-14 days
1174	Water tightness test	20 days	Sat 12/06/21	Mon 5/07/21	1173FS-30 days
1175	External wall painting	30 days	Mon 26/07/21	Sat 28/08/21	1173FS+7 days
1176	**Block 15 Architectural & M&E Works**	**221 days**	**Tue 30/03/21**	**Sat 11/12/21**	
1177	**1st Storey**	**100 days**	**Tue 30/03/21**	**Fri 23/07/21**	
1178	Sanitary stack and waste pipe installation	7 days	Tue 30/03/21	Tue 6/04/21	306
1179	RWDP installation	1 day	Wed 7/04/21	Wed 7/04/21	1178
1180	Block wall installation	5 days	Thu 8/04/21	Tue 13/04/21	1179
1181	M&E 1st fix (concealed in wall or above false ceiling items)	5 days	Thu 22/04/21	Tue 27/04/21	1180FS+7 days
1182	Window outer frame installation	5 days	Thu 22/04/21	Tue 27/04/21	1181SS
1183	Door outer frame installation	5 days	Thu 22/04/21	Tue 27/04/21	1182SS
1184	Internal wall Skim Coat	5 days	Wed 28/04/21	Mon 3/05/21	1182,1183
1185	Floor screeding to receive respective final finishes	5 days	Tue 4/05/21	Sat 8/05/21	1184
1186	ceiling (skimming coat / false ceiling)	5 days	Mon 10/05/21	Fri 14/05/21	1185
1187	Internal painting (sealer / base coat)	5 days	Thu 20/05/21	Tue 25/05/21	1184FS+14 days,1186
1188	M&E 2nd fix (wiring, circuits)	5 days	Wed 26/05/21	Mon 31/05/21	1187
1189	Window inner frame & glazing	5 days	Tue 1/06/21	Sat 5/06/21	1188
1190	Internal floor finishes except parquet	5 days	Mon 7/06/21	Fri 11/06/21	1189
1191	Timber floor installation	5 days	Sat 12/06/21	Thu 17/06/21	1190
1192	Cabinetry Work	5 days	Fri 18/06/21	Wed 23/06/21	
1193	Kitchen cabinetry work + vanity top	5 days	Fri 18/06/21	Wed 23/06/21	1191
1194	Bedroom wardrobes	5 days	Fri 18/06/21	Wed 23/06/21	1193SS
1195	Door panel installation	5 days	Thu 24/06/21	Tue 29/06/21	1192
1196	M&E final fix	5 days	Wed 30/06/21	Mon 5/07/21	1181,1195
1197	Wet Area (Kitchen)	54 days	Tue 4/05/21	Mon 5/07/21	
1198	Internal wet area waterproofing	6 days	Tue 4/05/21	Mon 10/05/21	1184
1199	Water ponding test	3 days	Tue 11/05/21	Thu 13/05/21	1198
1200	Protective screed over waterproofing	3 days	Fri 14/05/21	Mon 17/05/21	1199
1201	Internal wall tiling	6 days	Tue 18/05/21	Mon 24/05/21	1200
1202	False ceiling	6 days	Tue 25/05/21	Mon 31/05/21	1201
1203	Internal painting (sealer / base coat)	5 days	Tue 1/06/21	Sat 5/06/21	1202
1204	M&E 2nd fix (wiring, circuit)	5 days	Mon 7/06/21	Fri 11/06/21	1203
1205	Internal floor finishes	5 days	Sat 12/06/21	Thu 17/06/21	1204
1206	Sink & Fitting installation	5 days	Thu 24/06/21	Tue 29/06/21	1193,1205
1207	M&E final fix	5 days	Wed 30/06/21	Mon 5/07/21	1206
1208	M&E services preliminary T&C	5 days	Tue 6/07/21	Sat 10/07/21	1196,1207
1209	Final painting	5 days	Mon 12/07/21	Fri 16/07/21	1208
1210	Clean up and lock up	6 days	Sat 17/07/21	Fri 23/07/21	1209
1211	**2nd Storey**	**100 days**	**Mon 3/05/21**	**Thu 26/08/21**	
1212	Sanitary stack and waste pipe installation	7 days	Mon 3/05/21	Mon 10/05/21	307FS+7 days
1213	RWDP installation	1 day	Tue 11/05/21	Tue 11/05/21	1212
1214	Block wall installation	5 days	Wed 12/05/21	Mon 17/05/21	1213
1215	M&E 1st fix (concealed in wall or above false ceiling items)	5 days	Wed 26/05/21	Mon 31/05/21	1214FS+7 days
1216	Window outer frame installation	5 days	Wed 26/05/21	Mon 31/05/21	1215SS



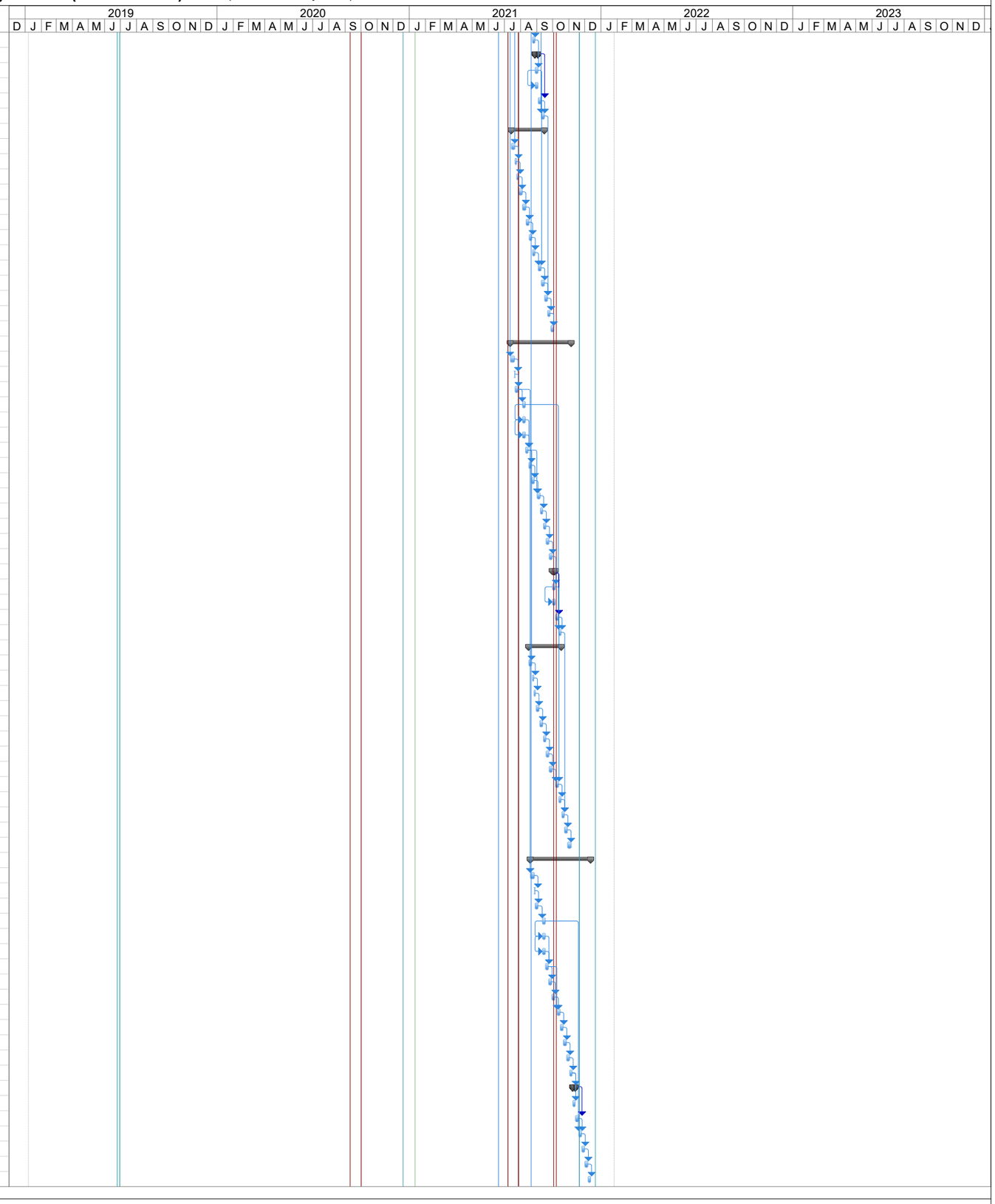
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1217	Door outer frame installation	5 days	Wed 26/05/21	Mon 31/05/21	1216SS
1218	Internal wall Skim Coat	5 days	Tue 1/06/21	Sat 5/06/21	1216,1217
1219	Floor screeding to receive respective final finishes	5 days	Mon 7/06/21	Fri 11/06/21	1218
1220	ceiling (skimming coat / false ceiling)	5 days	Sat 12/06/21	Thu 17/06/21	1219
1221	Internal painting (sealer / base coat)	5 days	Wed 23/06/21	Mon 28/06/21	1218FS+14 days,1220
1222	M&E 2nd fix (wiring, circuits)	5 days	Tue 29/06/21	Sat 3/07/21	1221
1223	Window inner frame & glazing	5 days	Mon 5/07/21	Fri 9/07/21	1222
1224	Internal floor finishes except parquet	5 days	Sat 10/07/21	Thu 15/07/21	1223
1225	Timber floor installation	5 days	Fri 16/07/21	Wed 21/07/21	1224
1226	Cabinetry Work	5 days	Thu 22/07/21	Tue 27/07/21	
1227	Kitchen cabinetry work + vanity top	5 days	Thu 22/07/21	Tue 27/07/21	1225
1228	Bedroom wardrobes	5 days	Thu 22/07/21	Tue 27/07/21	1227SS
1229	Door panel installation	5 days	Wed 28/07/21	Mon 2/08/21	1226
1230	M&E final fix	5 days	Tue 3/08/21	Sat 7/08/21	1215,1229
1231	Wet Area (Kitchen)	54 days	Mon 7/06/21	Sat 7/08/21	
1232	Internal wet area waterproofing	6 days	Mon 7/06/21	Sat 12/06/21	1218
1233	Water ponding test	3 days	Mon 14/06/21	Wed 16/06/21	1232
1234	Protective screed over waterproofing	3 days	Thu 17/06/21	Sat 19/06/21	1233
1235	Internal wall tiling	6 days	Mon 21/06/21	Sat 26/06/21	1234
1236	False ceiling	6 days	Mon 28/06/21	Sat 3/07/21	1235
1237	Internal painting (sealer / base coat)	5 days	Mon 5/07/21	Fri 9/07/21	1236
1238	M&E 2nd fix (wiring, circuit)	5 days	Sat 10/07/21	Thu 15/07/21	1237
1239	Internal floor finishes	5 days	Fri 16/07/21	Wed 21/07/21	1238
1240	Sink & Fitting installation	5 days	Wed 28/07/21	Mon 2/08/21	1227,1239
1241	M&E final fix	5 days	Tue 3/08/21	Sat 7/08/21	1240
1242	M&E services preliminary T&C	5 days	Mon 9/08/21	Fri 13/08/21	1230,1241
1243	Final painting	5 days	Sat 14/08/21	Thu 19/08/21	1242
1244	Clean up and lock up	6 days	Fri 20/08/21	Thu 26/08/21	1243
1245	**3rd Storey**	**100 days**	**Sat 15/05/21**	**Wed 8/09/21**	
1246	Sanitary stack and waste pipe installation	7 days	Sat 15/05/21	Sat 22/05/21	1212FS+4 days
1247	RWDP installation	1 day	Mon 24/05/21	Mon 24/05/21	1246
1248	Block wall installation	5 days	Tue 25/05/21	Sat 29/05/21	1247
1249	M&E 1st fix (concealed in wall or above false ceiling items)	5 days	Tue 8/06/21	Sat 12/06/21	1248FS+7 days
1250	Window outer frame installation	5 days	Tue 8/06/21	Sat 12/06/21	1249SS
1251	Door outer frame installation	5 days	Tue 8/06/21	Sat 12/06/21	1250SS
1252	Internal wall Skim Coat	5 days	Mon 14/06/21	Fri 18/06/21	1250,1251
1253	Floor screeding to receive respective final finishes	5 days	Sat 19/06/21	Thu 24/06/21	1252
1254	ceiling (skimming coat / false ceiling)	5 days	Fri 25/06/21	Wed 30/06/21	1253
1255	Internal painting (sealer / base coat)	5 days	Tue 6/07/21	Sat 10/07/21	1252FS+14 days,1254
1256	M&E 2nd fix (wiring, circuits)	5 days	Mon 12/07/21	Fri 16/07/21	1255
1257	Window inner frame & glazing	5 days	Sat 17/07/21	Thu 22/07/21	1256
1258	Internal floor finishes except parquet	5 days	Fri 23/07/21	Wed 28/07/21	1257
1259	Timber floor installation	5 days	Thu 29/07/21	Tue 3/08/21	1258
1260	Cabinetry Work	5 days	Wed 4/08/21	Mon 9/08/21	
1261	Kitchen cabinetry work + vanity top	5 days	Wed 4/08/21	Mon 9/08/21	1259
1262	Bedroom wardrobes	5 days	Wed 4/08/21	Mon 9/08/21	1261SS
1263	Door panel installation	5 days	Tue 10/08/21	Sat 14/08/21	1260
1264	M&E final fix	5 days	Mon 16/08/21	Fri 20/08/21	1249,1263
1265	Wet Area (Kitchen)	54 days	Sat 19/06/21	Fri 20/08/21	
1266	Internal wet area waterproofing	6 days	Sat 19/06/21	Fri 25/06/21	1252
1267	Water ponding test	3 days	Sat 26/06/21	Tue 29/06/21	1266
1268	Protective screed over waterproofing	3 days	Wed 30/06/21	Fri 2/07/21	1267
1269	Internal wall tiling	6 days	Sat 3/07/21	Fri 9/07/21	1268
1270	False ceiling	6 days	Sat 10/07/21	Fri 16/07/21	1269
1271	Internal painting (sealer / base coat)	5 days	Sat 17/07/21	Thu 22/07/21	1270
1272	M&E 2nd fix (wiring, circuit)	5 days	Fri 23/07/21	Wed 28/07/21	1271
1273	Internal floor finishes	5 days	Thu 29/07/21	Tue 3/08/21	1272
1274	Sink & Fitting installation	5 days	Tue 10/08/21	Sat 14/08/21	1261,1273
1275	M&E final fix	5 days	Mon 16/08/21	Fri 20/08/21	1274
1276	M&E services preliminary T&C	5 days	Sat 21/08/21	Thu 26/08/21	1264,1275
1277	Final painting	5 days	Fri 27/08/21	Wed 1/09/21	1276
1278	Clean up and lock up	6 days	Thu 2/09/21	Wed 8/09/21	1277
1279	**4th Storey**	**100 days**	**Wed 9/06/21**	**Sat 2/10/21**	
1280	Sanitary stack and waste pipe installation	7 days	Wed 9/06/21	Wed 16/06/21	1246FS+14 days
1281	RWDP installation	1 day	Thu 17/06/21	Thu 17/06/21	1280
1282	Block wall installation	5 days	Fri 18/06/21	Wed 23/06/21	1281
1283	M&E 1st fix (concealed in wall or above false ceiling items)	5 days	Fri 2/07/21	Wed 7/07/21	1282FS+7 days
1284	Window outer frame installation	5 days	Fri 2/07/21	Wed 7/07/21	1283SS
1285	Door outer frame installation	5 days	Fri 2/07/21	Wed 7/07/21	1284SS
1286	Internal wall Skim Coat	5 days	Thu 8/07/21	Tue 13/07/21	1284,1285
1287	Floor screeding to receive respective final finishes	5 days	Wed 14/07/21	Mon 19/07/21	1286
1288	ceiling (skimming coat / false ceiling)	5 days	Tue 20/07/21	Sat 24/07/21	1287
1289	Internal painting (sealer / base coat)	5 days	Fri 30/07/21	Wed 4/08/21	1286FS+14 days,1288
1290	M&E 2nd fix (wiring, circuits)	5 days	Thu 5/08/21	Tue 10/08/21	1289
1291	Window inner frame & glazing	5 days	Wed 11/08/21	Mon 16/08/21	1290
1292	Internal floor finishes except parquet	5 days	Tue 17/08/21	Sat 21/08/21	1291



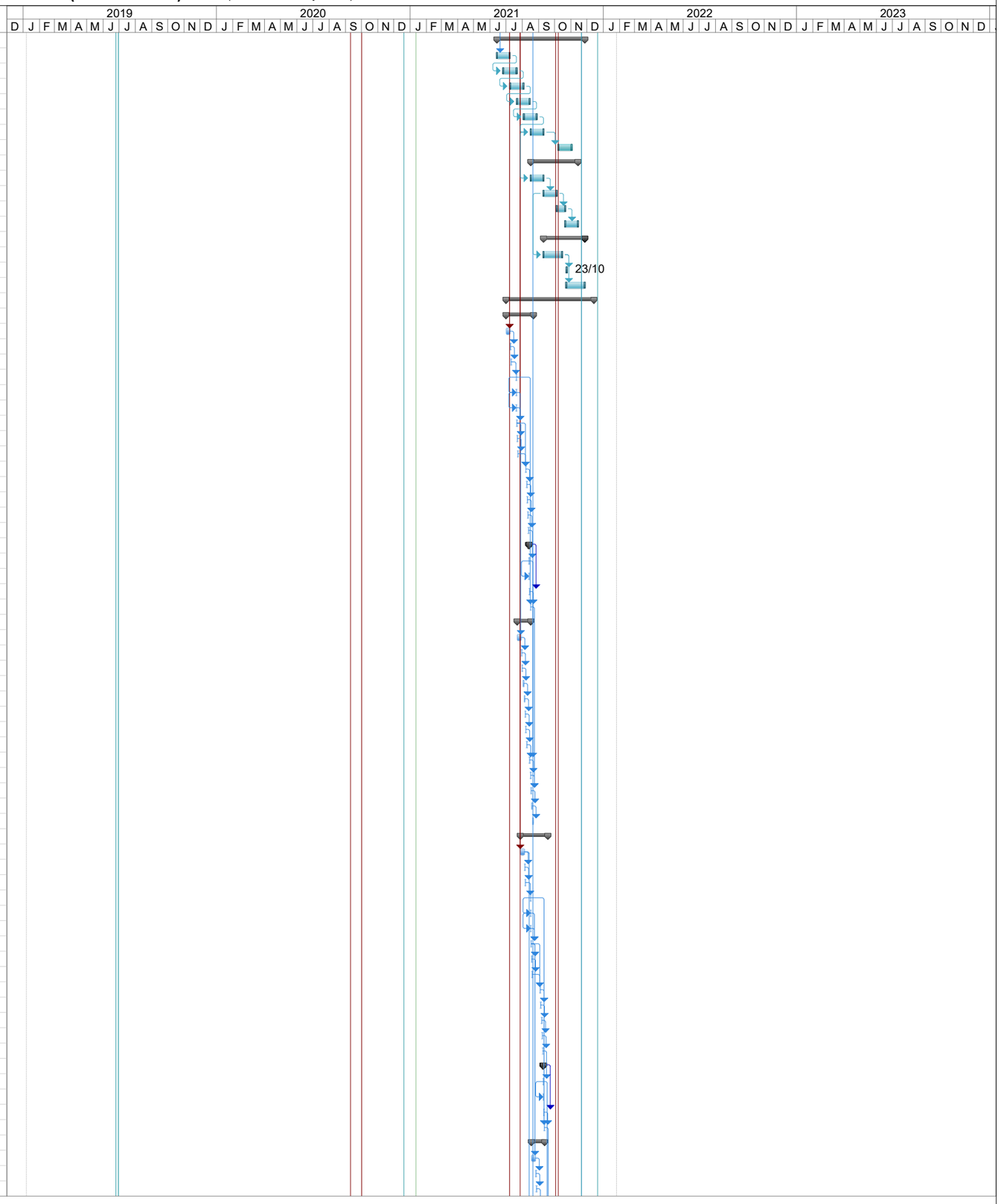
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1293	Timber floor installation	5 days	Mon 23/08/21	Fri 27/08/21	1292
1294	Cabinetry Work	5 days	Sat 28/08/21	Thu 2/09/21	
1295	Kitchen cabinetry work + vanity top	5 days	Sat 28/08/21	Thu 2/09/21	1293
1296	Bedroom wardrobes	5 days	Sat 28/08/21	Thu 2/09/21	1295SS
1297	Door panel installation	5 days	Fri 3/09/21	Wed 8/09/21	1294
1298	M&E final fix	5 days	Thu 9/09/21	Tue 14/09/21	1283,1297
1299	Wet Area (Kitchen)	54 days	Wed 14/07/21	Tue 14/09/21	
1300	Internal wet area waterproofing	6 days	Wed 14/07/21	Tue 20/07/21	1286
1301	Water ponding test	3 days	Wed 21/07/21	Fri 23/07/21	1300
1302	Protective screed over waterproofing	3 days	Sat 24/07/21	Tue 27/07/21	1301
1303	Internal wall tiling	6 days	Wed 28/07/21	Tue 3/08/21	1302
1304	False ceiling	6 days	Wed 4/08/21	Tue 10/08/21	1303
1305	Internal painting (sealer / base coat)	5 days	Wed 11/08/21	Mon 16/08/21	1304
1306	M&E 2nd fix (wiring, circuit)	5 days	Tue 17/08/21	Sat 21/08/21	1305
1307	Internal floor finishes	5 days	Mon 23/08/21	Fri 27/08/21	1306
1308	Sink & Fitting installation	5 days	Fri 3/09/21	Wed 8/09/21	1295,1307
1309	M&E final fix	5 days	Thu 9/09/21	Tue 14/09/21	1308
1310	M&E services preliminary T&C	5 days	Wed 15/09/21	Mon 20/09/21	1298,1309
1311	Final painting	5 days	Tue 21/09/21	Sat 25/09/21	1310
1312	Clean up and lock up	6 days	Mon 27/09/21	Sat 2/10/21	1311
1313	**5th Storey**	**100 days**	**Mon 12/07/21**	**Thu 4/11/21**	
1314	Sanitary stack and waste pipe installation	7 days	Mon 12/07/21	Mon 19/07/21	1280FS+21 days
1315	RWDP installation	1 day	Tue 20/07/21	Tue 20/07/21	1314
1316	Block wall installation	5 days	Wed 21/07/21	Mon 26/07/21	1315
1317	M&E 1st fix (concealed in wall or above false ceiling items)	5 days	Wed 4/08/21	Mon 9/08/21	1316FS+7 days
1318	Window outer frame installation	5 days	Wed 4/08/21	Mon 9/08/21	1317SS
1319	Door outer frame installation	5 days	Wed 4/08/21	Mon 9/08/21	1318SS
1320	Internal wall Skim Coat	5 days	Tue 10/08/21	Sat 14/08/21	1318,1319
1321	Floor screeding to receive respective final finishes	5 days	Mon 16/08/21	Fri 20/08/21	1320
1322	ceiling (skimming coat / false ceiling)	5 days	Sat 21/08/21	Thu 26/08/21	1321
1323	Internal painting (sealer / base coat)	5 days	Wed 1/09/21	Mon 6/09/21	1320FS+14 days,1322
1324	M&E 2nd fix (wiring, circuits)	5 days	Tue 7/09/21	Sat 11/09/21	1323
1325	Window inner frame & glazing	5 days	Mon 13/09/21	Fri 17/09/21	1324
1326	Internal floor finishes except parquet	5 days	Sat 18/09/21	Thu 23/09/21	1325
1327	Timber floor installation	5 days	Fri 24/09/21	Wed 29/09/21	1326
1328	Cabinetry Work	5 days	Thu 30/09/21	Tue 5/10/21	
1329	Kitchen cabinetry work + vanity top	5 days	Thu 30/09/21	Tue 5/10/21	1327
1330	Bedroom wardrobes	5 days	Thu 30/09/21	Tue 5/10/21	1329SS
1331	Door panel installation	5 days	Wed 6/10/21	Mon 11/10/21	1328
1332	M&E final fix	5 days	Tue 12/10/21	Sat 16/10/21	1317,1331
1333	Wet Area (Kitchen)	54 days	Mon 16/08/21	Sat 16/10/21	
1334	Internal wet area waterproofing	6 days	Mon 16/08/21	Sat 21/08/21	1320
1335	Water ponding test	3 days	Mon 23/08/21	Wed 25/08/21	1334
1336	Protective screed over waterproofing	3 days	Thu 26/08/21	Sat 28/08/21	1335
1337	Internal wall tiling	6 days	Mon 30/08/21	Sat 4/09/21	1336
1338	False ceiling	6 days	Mon 6/09/21	Sat 11/09/21	1337
1339	Internal painting (sealer / base coat)	5 days	Mon 13/09/21	Fri 17/09/21	1338
1340	M&E 2nd fix (wiring, circuit)	5 days	Sat 18/09/21	Thu 23/09/21	1339
1341	Internal floor finishes	5 days	Fri 24/09/21	Wed 29/09/21	1340
1342	Sink & Fitting installation	5 days	Wed 6/10/21	Mon 11/10/21	1329,1341
1343	M&E final fix	5 days	Tue 12/10/21	Sat 16/10/21	1342
1344	M&E services preliminary T&C	5 days	Mon 18/10/21	Fri 22/10/21	1332,1343
1345	Final painting	5 days	Sat 23/10/21	Thu 28/10/21	1344
1346	Clean up and lock up	6 days	Fri 29/10/21	Thu 4/11/21	1345
1347	**Attic Storey**	**99 days**	**Thu 19/08/21**	**Sat 11/12/21**	
1348	Sanitary stack and waste pipe installation	7 days	Thu 19/08/21	Thu 26/08/21	1316FS+20 days
1349	RWDP installation	1 day	Fri 27/08/21	Fri 27/08/21	1348
1350	Block wall installation	5 days	Sat 28/08/21	Thu 2/09/21	1349
1351	M&E 1st fix (concealed in wall or above false ceiling items)	5 days	Sat 11/09/21	Thu 16/09/21	1350FS+7 days
1352	Window outer frame installation	5 days	Sat 11/09/21	Thu 16/09/21	1351SS
1353	Door outer frame installation	5 days	Sat 11/09/21	Thu 16/09/21	1352SS
1354	Internal wall Skim Coat	5 days	Fri 17/09/21	Wed 22/09/21	1352,1353
1355	Floor screeding to receive respective final finishes	5 days	Thu 23/09/21	Tue 28/09/21	1354
1356	ceiling (skimming coat / false ceiling)	5 days	Wed 29/09/21	Mon 4/10/21	1355
1357	Internal painting (sealer / base coat)	5 days	Sat 9/10/21	Thu 14/10/21	1354FS+14 days,1356
1358	M&E 2nd fix (wiring, circuits)	5 days	Fri 15/10/21	Wed 20/10/21	1357
1359	Window inner frame & glazing	5 days	Thu 21/10/21	Tue 26/10/21	1358
1360	Internal floor finishes except parquet	5 days	Wed 27/10/21	Mon 1/11/21	1359
1361	Timber floor installation	5 days	Tue 2/11/21	Sat 6/11/21	1360
1362	Cabinetry Work	5 days	Mon 8/11/21	Fri 12/11/21	1361
1363	Bedroom wardrobes	5 days	Mon 8/11/21	Fri 12/11/21	1361
1364	Door panel installation	5 days	Sat 13/11/21	Thu 18/11/21	1362
1365	M&E final fix	5 days	Fri 19/11/21	Wed 24/11/21	1351,1364
1366	M&E services preliminary T&C	5 days	Thu 25/11/21	Tue 30/11/21	1365
1367	Final painting	5 days	Wed 1/12/21	Mon 6/12/21	1366
1368	Clean up and lock up	5 days	Tue 7/12/21	Sat 11/12/21	1367



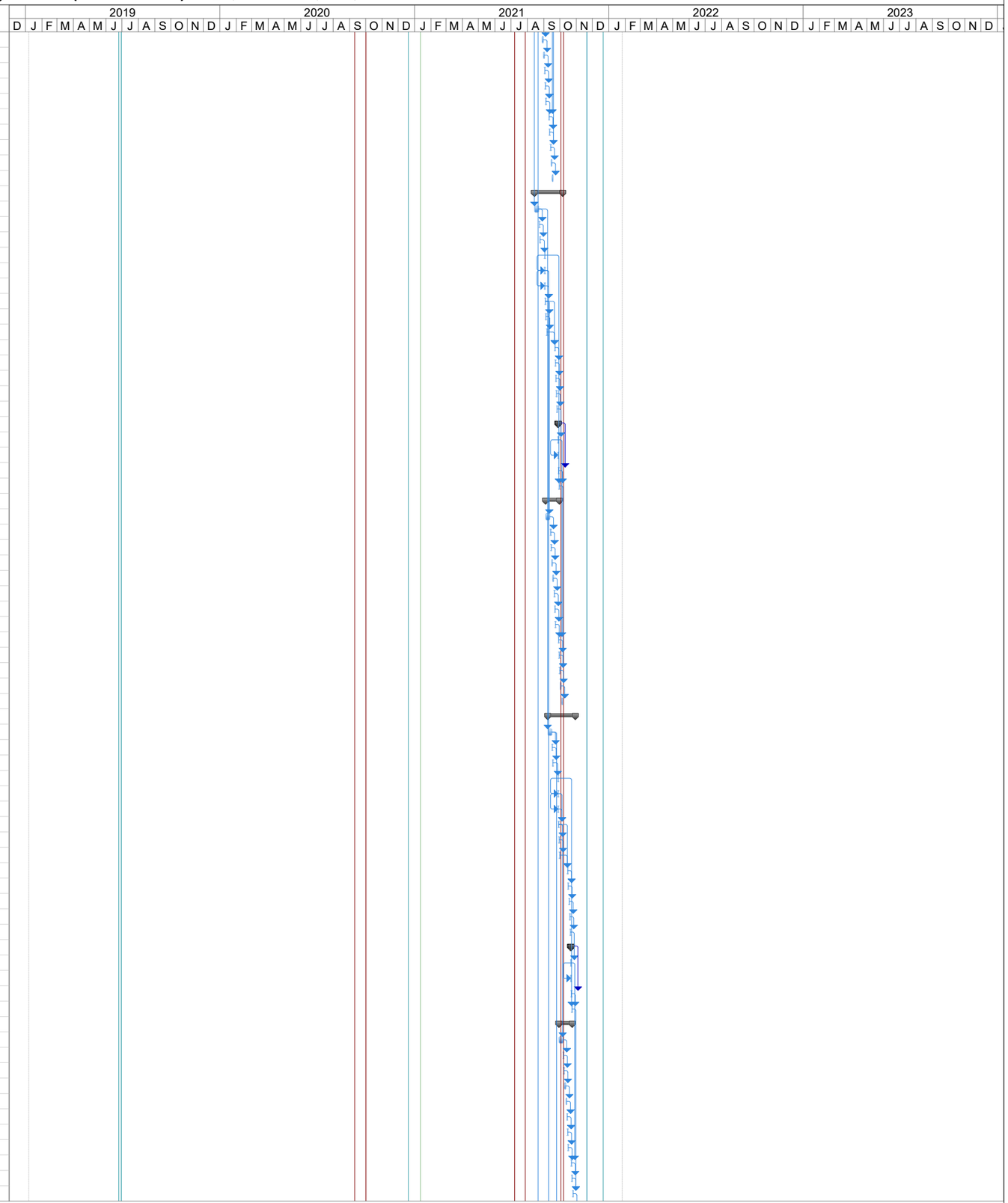
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1369	**Stories Common Area: Lobby, Staircase & Roof**	**143 days**	**Mon 14/06/21**	**Fri 26/11/21**	
1370	Basement Common Area, Lobby & Staircase	21 days	Mon 14/06/21	Wed 7/07/21	1250
1371	1st Storey Common Area, Lobby & Staircase	21 days	Sat 26/06/21	Tue 20/07/21	1370FS-10 days
1372	2nd Storey Common Area, Lobby & staircase	21 days	Fri 9/07/21	Mon 2/08/21	1371FS-10 days
1373	3rd Storey Common Area, Lobby & Staircase	21 days	Thu 22/07/21	Sat 14/08/21	1372FS-10 days
1374	4th Storey Common Area, Lobby & Staircase	21 days	Wed 4/08/21	Fri 27/08/21	1373FS-10 days
1375	5th Storey Common Area, Lobby & Staircase	21 days	Tue 17/08/21	Thu 9/09/21	1374FS-10 days
1376	Attic Roof Common Area & Staircase	21 days	Fri 8/10/21	Mon 1/11/21	1375FS-10 days
1377	**Roof**	**77 days**	**Tue 17/08/21**	**Sat 13/11/21**	
1378	Misc RC works	21 days	Tue 17/08/21	Thu 9/09/21	1375SS
1379	Waterproofing works	21 days	Fri 10/09/21	Mon 4/10/21	1378
1380	Plastering	14 days	Tue 5/10/21	Wed 20/10/21	1379
1381	Misc. works	21 days	Thu 21/10/21	Sat 13/11/21	1380
1382	**External Façade**	**67 days**	**Fri 10/09/21**	**Fri 26/11/21**	
1383	External wall plastering	30 days	Fri 10/09/21	Thu 14/10/21	1379SS
1384	Water tightness test	20 days	Fri 1/10/21	Sat 23/10/21	1383FS-12 days
1385	External wall painting	30 days	Sat 23/10/21	Fri 26/11/21	1383FS+7 days
1386	**Block 19 Architectural & M&E Works**	**142 days**	**Thu 1/07/21**	**Mon 13/12/21**	
1387	**1st Storey**	**45 days**	**Thu 1/07/21**	**Sat 21/08/21**	
1388	Sanitary stack and waste pipe installation	7 days	Thu 1/07/21	Thu 8/07/21	315
1389	RWDP installation	1 day	Fri 9/07/21	Fri 9/07/21	1388
1390	Block wall installation	1 day	Sat 10/07/21	Sat 10/07/21	1389
1391	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Tue 20/07/21	Tue 20/07/21	1390FS+7 days
1392	Window outer frame installation	1 day	Tue 20/07/21	Tue 20/07/21	1391SS
1393	Door outer frame installation	1 day	Tue 20/07/21	Tue 20/07/21	1392SS
1394	Internal wall Skim Coat	1 day	Wed 21/07/21	Wed 21/07/21	1392,1393
1395	Floor screeding to receive respective final finishes	1 day	Thu 22/07/21	Thu 22/07/21	1394
1396	ceiling (skimming coat / false ceiling)	1 day	Fri 23/07/21	Fri 23/07/21	1395
1397	Internal painting (sealer / base coat)	1 day	Sat 7/08/21	Sat 7/08/21	1394FS+14 days,1396
1398	M&E 2nd fix (wiring, circuits)	1 day	Mon 9/08/21	Mon 9/08/21	1397
1399	Window inner frame & glazing	1 day	Tue 10/08/21	Tue 10/08/21	1398
1400	Internal floor finishes except parquet	1 day	Wed 11/08/21	Wed 11/08/21	1399
1401	Timber floor installation	1 day	Thu 12/08/21	Thu 12/08/21	1400
1402	Cabinetry Work	1 day	Fri 13/08/21	Fri 13/08/21	
1403	Kitchen cabinetry work + vanity top	1 day	Fri 13/08/21	Fri 13/08/21	1401
1404	Bedroom wardrobes	1 day	Fri 13/08/21	Fri 13/08/21	1403SS
1405	Door panel installation	1 day	Sat 14/08/21	Sat 14/08/21	1402
1406	M&E final fix	1 day	Mon 16/08/21	Mon 16/08/21	1391,1405
1407	Wet Area (Kitchen)	22 days	Thu 22/07/21	Mon 16/08/21	
1408	Internal wet area waterproofing	7 days	Thu 22/07/21	Thu 29/07/21	1394
1409	Water ponding test	1 day	Fri 30/07/21	Fri 30/07/21	1408
1410	Protective screed over waterproofing	1 day	Sat 31/07/21	Sat 31/07/21	1409
1411	Internal wall tiling	2 days	Mon 2/08/21	Tue 3/08/21	1410
1412	False ceiling	2 days	Wed 4/08/21	Thu 5/08/21	1411
1413	Internal painting (sealer / base coat)	1 day	Fri 6/08/21	Fri 6/08/21	1412
1414	M&E 2nd fix (wiring, circuit)	1 day	Sat 7/08/21	Sat 7/08/21	1413
1415	Internal floor finishes	1 day	Mon 9/08/21	Mon 9/08/21	1414
1416	Sink & Fitting installation	1 day	Sat 14/08/21	Sat 14/08/21	1403,1415
1417	M&E final fix	1 day	Mon 16/08/21	Mon 16/08/21	1416
1418	M&E services preliminary T&C	1 day	Tue 17/08/21	Tue 17/08/21	1406,1417
1419	Final painting	2 days	Wed 18/08/21	Thu 19/08/21	1418
1420	Clean up and lock up	2 days	Fri 20/08/21	Sat 21/08/21	1419
1421	**2nd Storey**	**45 days**	**Wed 28/07/21**	**Fri 17/09/21**	
1422	Sanitary stack and waste pipe installation	7 days	Wed 28/07/21	Wed 4/08/21	316FS+8 days
1423	RWDP installation	1 day	Thu 5/08/21	Thu 5/08/21	1422
1424	Block wall installation	1 day	Fri 6/08/21	Fri 6/08/21	1423
1425	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Mon 16/08/21	Mon 16/08/21	1424FS+7 days
1426	Window outer frame installation	1 day	Mon 16/08/21	Mon 16/08/21	1425SS
1427	Door outer frame installation	1 day	Mon 16/08/21	Mon 16/08/21	1426SS
1428	Internal wall Skim Coat	1 day	Tue 17/08/21	Tue 17/08/21	1426,1427
1429	Floor screeding to receive respective final finishes	1 day	Wed 18/08/21	Wed 18/08/21	1428
1430	ceiling (skimming coat / false ceiling)	1 day	Thu 19/08/21	Thu 19/08/21	1429
1431	Internal painting (sealer / base coat)	1 day	Fri 3/09/21	Fri 3/09/21	1428FS+14 days,1430
1432	M&E 2nd fix (wiring, circuits)	1 day	Sat 4/09/21	Sat 4/09/21	1431
1433	Window inner frame & glazing	1 day	Mon 6/09/21	Mon 6/09/21	1432
1434	Internal floor finishes except parquet	1 day	Tue 7/09/21	Tue 7/09/21	1433
1435	Timber floor installation	1 day	Wed 8/09/21	Wed 8/09/21	1434
1436	Cabinetry Work	1 day	Thu 9/09/21	Thu 9/09/21	
1437	Kitchen cabinetry work + vanity top	1 day	Thu 9/09/21	Thu 9/09/21	1435
1438	Bedroom wardrobes	1 day	Thu 9/09/21	Thu 9/09/21	1437SS
1439	Door panel installation	1 day	Fri 10/09/21	Fri 10/09/21	1436
1440	M&E final fix	1 day	Sat 11/09/21	Sat 11/09/21	1425,1439
1441	Wet Area (Kitchen)	22 days	Wed 18/08/21	Sat 11/09/21	
1442	Internal wet area waterproofing	7 days	Wed 18/08/21	Wed 25/08/21	1428
1443	Water ponding test	1 day	Thu 26/08/21	Thu 26/08/21	1442
1444	Protective screed over waterproofing	1 day	Fri 27/08/21	Fri 27/08/21	1443



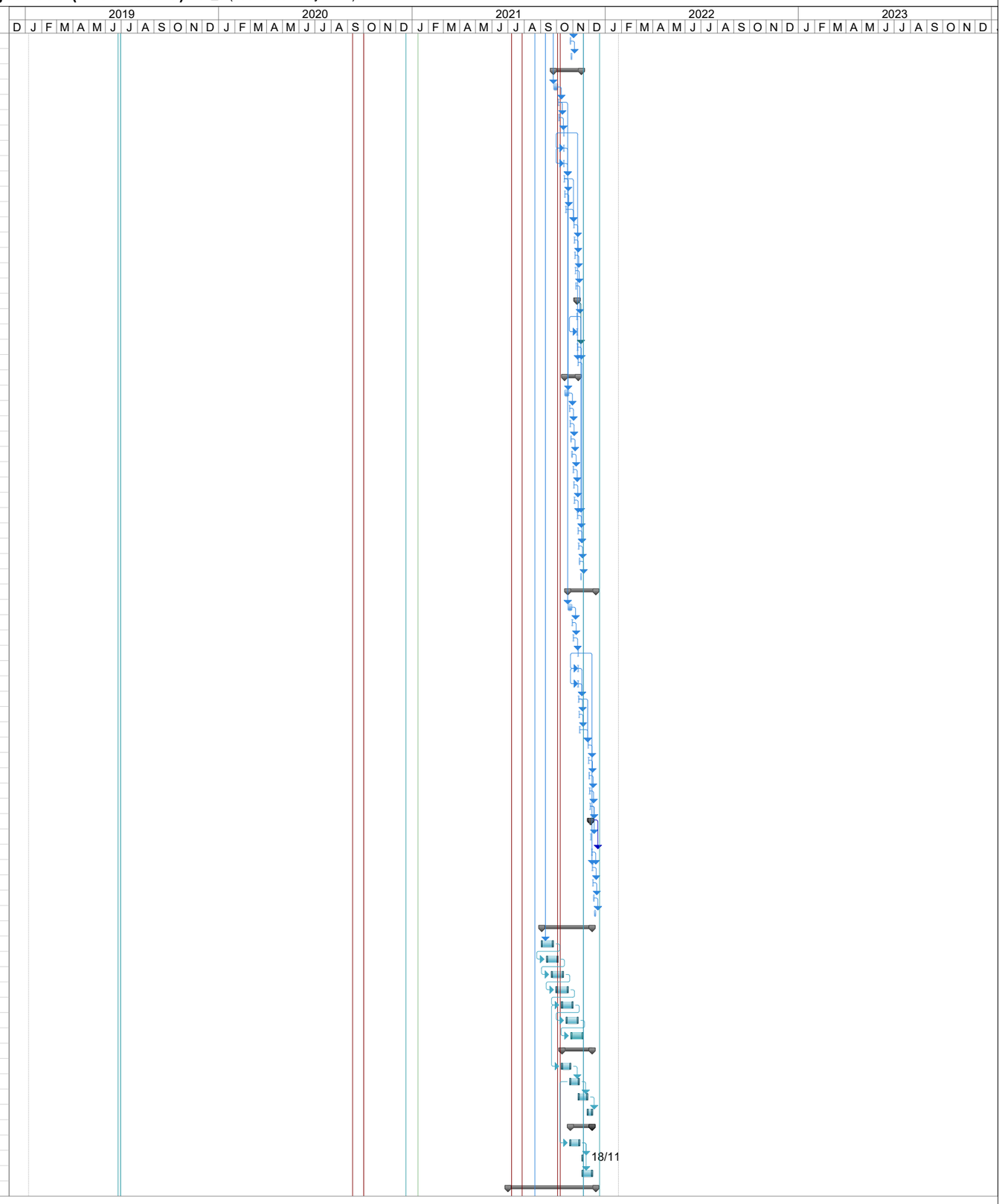
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1445	Internal wall tiling	2 days	Sat 28/08/21	Mon 30/08/21	1444
1446	False ceiling	2 days	Tue 31/08/21	Wed 1/09/21	1445
1447	Internal painting (sealer / base coat)	1 day	Thu 2/09/21	Thu 2/09/21	1446
1448	M&E 2nd fix (wiring, circuit)	1 day	Fri 3/09/21	Fri 3/09/21	1447
1449	Internal floor finishes	1 day	Sat 4/09/21	Sat 4/09/21	1448
1450	Sink & Fitting installation	1 day	Fri 10/09/21	Fri 10/09/21	1437,1449
1451	M&E final fix	1 day	Sat 11/09/21	Sat 11/09/21	1450
1452	M&E services preliminary T&C	1 day	Mon 13/09/21	Mon 13/09/21	1440,1451
1453	Final painting	2 days	Tue 14/09/21	Wed 15/09/21	1452
1454	Clean up and lock up	2 days	Thu 16/09/21	Fri 17/09/21	1453
1455	**3rd Storey**	**45 days**	**Sat 14/08/21**	**Tue 5/10/21**	
1456	Sanitary stack and waste pipe installation	7 days	Sat 14/08/21	Sat 21/08/21	1422FS+8 days
1457	RWDP installation	1 day	Mon 23/08/21	Mon 23/08/21	1456
1458	Block wall installation	1 day	Tue 24/08/21	Tue 24/08/21	1457
1459	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Thu 2/09/21	Thu 2/09/21	1458FS+7 days
1460	Window outer frame installation	1 day	Thu 2/09/21	Thu 2/09/21	1459SS
1461	Door outer frame installation	1 day	Thu 2/09/21	Thu 2/09/21	1460SS
1462	Internal wall Skim Coat	1 day	Fri 3/09/21	Fri 3/09/21	1460,1461
1463	Floor screeding to receive respective final finishes	1 day	Sat 4/09/21	Sat 4/09/21	1462
1464	ceiling (skimming coat / false ceiling)	1 day	Mon 6/09/21	Mon 6/09/21	1463
1465	Internal painting (sealer / base coat)	1 day	Tue 21/09/21	Tue 21/09/21	1462FS+14 days,1464
1466	M&E 2nd fix (wiring, circuits)	1 day	Wed 22/09/21	Wed 22/09/21	1465
1467	Window inner frame & glazing	1 day	Thu 23/09/21	Thu 23/09/21	1466
1468	Internal floor finishes except parquet	1 day	Fri 24/09/21	Fri 24/09/21	1467
1469	Timber floor installation	1 day	Sat 25/09/21	Sat 25/09/21	1468
1470	Cabinetry Work	1 day	Mon 27/09/21	Mon 27/09/21	
1471	Kitchen cabinetry work + vanity top	1 day	Mon 27/09/21	Mon 27/09/21	1469
1472	Bedroom wardrobes	1 day	Mon 27/09/21	Mon 27/09/21	1471SS
1473	Door panel installation	1 day	Tue 28/09/21	Tue 28/09/21	1470
1474	M&E final fix	1 day	Wed 29/09/21	Wed 29/09/21	1459,1473
1475	Wet Area (Kitchen)	22 days	Sat 4/09/21	Wed 29/09/21	
1476	Internal wet area waterproofing	7 days	Sat 4/09/21	Sat 11/09/21	1462
1477	Water ponding test	1 day	Mon 13/09/21	Mon 13/09/21	1476
1478	Protective screed over waterproofing	1 day	Tue 14/09/21	Tue 14/09/21	1477
1479	Internal wall tiling	2 days	Wed 15/09/21	Thu 16/09/21	1478
1480	False ceiling	2 days	Fri 17/09/21	Sat 18/09/21	1479
1481	Internal painting (sealer / base coat)	1 day	Mon 20/09/21	Mon 20/09/21	1480
1482	M&E 2nd fix (wiring, circuit)	1 day	Tue 21/09/21	Tue 21/09/21	1481
1483	Internal floor finishes	1 day	Wed 22/09/21	Wed 22/09/21	1482
1484	Sink & Fitting installation	1 day	Tue 28/09/21	Tue 28/09/21	1471,1483
1485	M&E final fix	1 day	Wed 29/09/21	Wed 29/09/21	1484
1486	M&E services preliminary T&C	1 day	Thu 30/09/21	Thu 30/09/21	1474,1485
1487	Final painting	2 days	Fri 1/10/21	Sat 2/10/21	1486
1488	Clean up and lock up	2 days	Mon 4/10/21	Tue 5/10/21	1487
1489	**4th Storey**	**45 days**	**Wed 8/09/21**	**Fri 29/10/21**	
1490	Sanitary stack and waste pipe installation	7 days	Wed 8/09/21	Wed 15/09/21	1456FS+14 days
1491	RWDP installation	1 day	Thu 16/09/21	Thu 16/09/21	1490
1492	Block wall installation	1 day	Fri 17/09/21	Fri 17/09/21	1491
1493	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Mon 27/09/21	Mon 27/09/21	1492FS+7 days
1494	Window outer frame installation	1 day	Mon 27/09/21	Mon 27/09/21	1493SS
1495	Door outer frame installation	1 day	Mon 27/09/21	Mon 27/09/21	1494SS
1496	Internal wall Skim Coat	1 day	Tue 28/09/21	Tue 28/09/21	1494,1495
1497	Floor screeding to receive respective final finishes	1 day	Wed 29/09/21	Wed 29/09/21	1496
1498	ceiling (skimming coat / false ceiling)	1 day	Thu 30/09/21	Thu 30/09/21	1497
1499	Internal painting (sealer / base coat)	1 day	Fri 15/10/21	Fri 15/10/21	1496FS+14 days,1498
1500	M&E 2nd fix (wiring, circuits)	1 day	Sat 16/10/21	Sat 16/10/21	1499
1501	Window inner frame & glazing	1 day	Mon 18/10/21	Mon 18/10/21	1500
1502	Internal floor finishes except parquet	1 day	Tue 19/10/21	Tue 19/10/21	1501
1503	Timber floor installation	1 day	Wed 20/10/21	Wed 20/10/21	1502
1504	Cabinetry Work	1 day	Thu 21/10/21	Thu 21/10/21	
1505	Kitchen cabinetry work + vanity top	1 day	Thu 21/10/21	Thu 21/10/21	1503
1506	Bedroom wardrobes	1 day	Thu 21/10/21	Thu 21/10/21	1505SS
1507	Door panel installation	1 day	Fri 22/10/21	Fri 22/10/21	1504
1508	M&E final fix	1 day	Sat 23/10/21	Sat 23/10/21	1493,1507
1509	Wet Area (Kitchen)	22 days	Wed 29/09/21	Sat 23/10/21	
1510	Internal wet area waterproofing	7 days	Wed 29/09/21	Wed 6/10/21	1496
1511	Water ponding test	1 day	Thu 7/10/21	Thu 7/10/21	1510
1512	Protective screed over waterproofing	1 day	Fri 8/10/21	Fri 8/10/21	1511
1513	Internal wall tiling	2 days	Sat 9/10/21	Mon 11/10/21	1512
1514	False ceiling	2 days	Tue 12/10/21	Wed 13/10/21	1513
1515	Internal painting (sealer / base coat)	1 day	Thu 14/10/21	Thu 14/10/21	1514
1516	M&E 2nd fix (wiring, circuit)	1 day	Fri 15/10/21	Fri 15/10/21	1515
1517	Internal floor finishes	1 day	Sat 16/10/21	Sat 16/10/21	1516
1518	Sink & Fitting installation	1 day	Fri 22/10/21	Fri 22/10/21	1505,1517
1519	M&E final fix	1 day	Sat 23/10/21	Sat 23/10/21	1518
1520	M&E services preliminary T&C	1 day	Mon 25/10/21	Mon 25/10/21	1508,1519



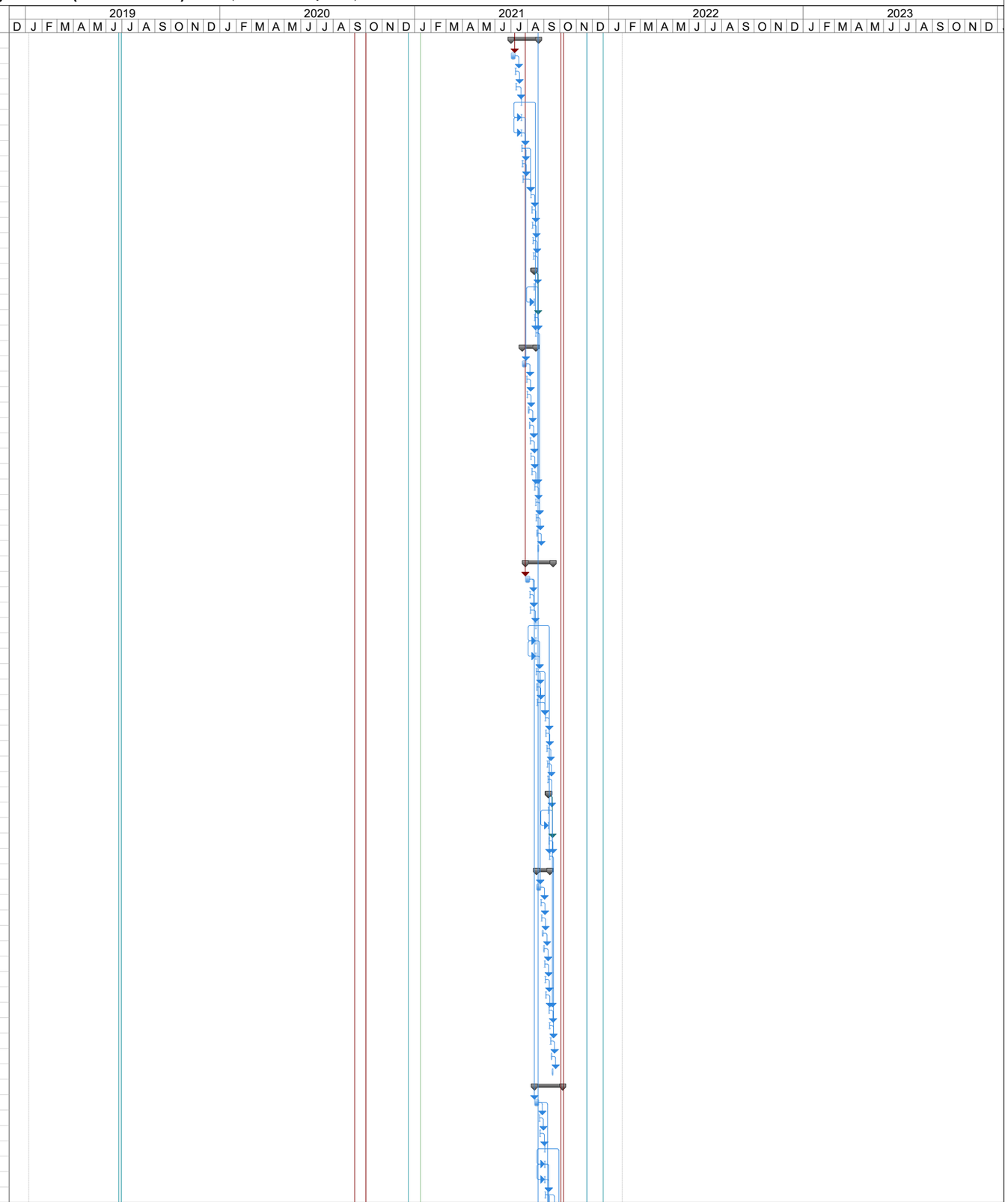
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1521	Final painting	2 days	Tue 26/10/21	Wed 27/10/21	1520
1522	Clean up and lock up	2 days	Thu 28/10/21	Fri 29/10/21	1521
1523	**5th Storey**	**45 days**	**Sat 25/09/21**	**Tue 16/11/21**	
1524	Sanitary stack and waste pipe installation	7 days	Sat 25/09/21	Sat 2/10/21	1490FS+8 days
1525	RWDP installation	1 day	Mon 4/10/21	Mon 4/10/21	1524
1526	Block wall installation	1 day	Tue 5/10/21	Tue 5/10/21	1525
1527	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Thu 14/10/21	Thu 14/10/21	1526FS+7 days
1528	Window outer frame installation	1 day	Thu 14/10/21	Thu 14/10/21	1527SS
1529	Door outer frame installation	1 day	Thu 14/10/21	Thu 14/10/21	1528SS
1530	Internal wall Skim Coat	1 day	Fri 15/10/21	Fri 15/10/21	1528,1529
1531	Floor screeding to receive respective final finishes	1 day	Sat 16/10/21	Sat 16/10/21	1530
1532	ceiling (skimming coat / false ceiling)	1 day	Mon 18/10/21	Mon 18/10/21	1531
1533	Internal painting (sealer / base coat)	1 day	Tue 2/11/21	Tue 2/11/21	1530FS+14 days,1532
1534	M&E 2nd fix (wiring, circuits)	1 day	Wed 3/11/21	Wed 3/11/21	1533
1535	Window inner frame & glazing	1 day	Thu 4/11/21	Thu 4/11/21	1534
1536	Internal floor finishes except parquet	1 day	Fri 5/11/21	Fri 5/11/21	1535
1537	Timber floor installation	1 day	Sat 6/11/21	Sat 6/11/21	1536
1538	Cabinetry Work	1 day	Mon 8/11/21	Mon 8/11/21	
1539	Kitchen cabinetry work + vanity top	1 day	Mon 8/11/21	Mon 8/11/21	1537
1540	Bedroom wardrobes	1 day	Mon 8/11/21	Mon 8/11/21	1539SS
1541	Door panel installation	1 day	Tue 9/11/21	Tue 9/11/21	1538
1542	M&E final fix	1 day	Wed 10/11/21	Wed 10/11/21	1527,1541
1543	Wet Area (Kitchen)	22 days	Sat 16/10/21	Wed 10/11/21	
1544	Internal wet area waterproofing	7 days	Sat 16/10/21	Sat 23/10/21	1530
1545	Water ponding test	1 day	Mon 25/10/21	Mon 25/10/21	1544
1546	Protective screed over waterproofing	1 day	Tue 26/10/21	Tue 26/10/21	1545
1547	Internal wall tiling	2 days	Wed 27/10/21	Thu 28/10/21	1546
1548	False ceiling	2 days	Fri 29/10/21	Sat 30/10/21	1547
1549	Internal painting (sealer / base coat)	1 day	Mon 1/11/21	Mon 1/11/21	1548
1550	M&E 2nd fix (wiring, circuit)	1 day	Tue 2/11/21	Tue 2/11/21	1549
1551	Internal floor finishes	1 day	Wed 3/11/21	Wed 3/11/21	1550
1552	Sink & Fitting installation	1 day	Tue 9/11/21	Tue 9/11/21	1539,1551
1553	M&E final fix	1 day	Wed 10/11/21	Wed 10/11/21	1552
1554	M&E services preliminary T&C	1 day	Thu 11/11/21	Thu 11/11/21	1542,1553
1555	Final painting	2 days	Fri 12/11/21	Sat 13/11/21	1554
1556	Clean up and lock up	2 days	Mon 15/11/21	Tue 16/11/21	1555
1557	**Attic Storey**	**45 days**	**Fri 22/10/21**	**Mon 13/12/21**	
1558	Sanitary stack and waste pipe installation	7 days	Fri 22/10/21	Fri 29/10/21	1525FS+15 days
1559	RWDP installation	1 day	Sat 30/10/21	Sat 30/10/21	1558
1560	Block wall installation	1 day	Mon 1/11/21	Mon 1/11/21	1559
1561	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Wed 10/11/21	Wed 10/11/21	1560FS+7 days
1562	Window outer frame installation	1 day	Wed 10/11/21	Wed 10/11/21	1561SS
1563	Door outer frame installation	1 day	Wed 10/11/21	Wed 10/11/21	1562SS
1564	Internal wall Skim Coat	1 day	Thu 11/11/21	Thu 11/11/21	1562,1563
1565	Floor screeding to receive respective final finishes	1 day	Fri 12/11/21	Fri 12/11/21	1564
1566	ceiling (skimming coat / false ceiling)	1 day	Sat 13/11/21	Sat 13/11/21	1565
1567	Internal painting (sealer / base coat)	1 day	Mon 29/11/21	Mon 29/11/21	1564FS+14 days,1566
1568	M&E 2nd fix (wiring, circuits)	1 day	Tue 30/11/21	Tue 30/11/21	1567
1569	Window inner frame & glazing	1 day	Wed 1/12/21	Wed 1/12/21	1568
1570	Internal floor finishes except parquet	1 day	Thu 2/12/21	Thu 2/12/21	1569
1571	Timber floor installation	1 day	Fri 3/12/21	Fri 3/12/21	1570
1572	Cabinetry Work	1 day	Sat 4/12/21	Sat 4/12/21	1571
1573	Bedroom wardrobes	1 day	Sat 4/12/21	Sat 4/12/21	1571
1574	Door panel installation	1 day	Mon 6/12/21	Mon 6/12/21	1572
1575	M&E final fix	1 day	Tue 7/12/21	Tue 7/12/21	1561,1574
1576	M&E services preliminary T&C	1 day	Wed 8/12/21	Wed 8/12/21	1575
1577	Final painting	2 days	Thu 9/12/21	Fri 10/12/21	1576
1578	Clean up and lock up	2 days	Sat 11/12/21	Mon 13/12/21	1577
1579	**Stories Common Area: Lobby, Staircase & Roof**	**81 days**	**Fri 3/09/21**	**Mon 6/12/21**	
1580	Basement Common Area, Lobby & Staircase	18 days	Fri 3/09/21	Thu 23/09/21	1460
1581	1st Storey Common Area, Lobby & Staircase	18 days	Mon 13/09/21	Sat 2/10/21	1580FS-10 days
1582	2nd Storey Common Area, Lobby & staircase	18 days	Wed 22/09/21	Tue 12/10/21	1581FS-10 days
1583	3rd Storey Common Area, Lobby & Staircase	18 days	Fri 1/10/21	Thu 21/10/21	1582FS-10 days
1584	4th Storey Common Area, Lobby & Staircase	18 days	Mon 11/10/21	Sat 30/10/21	1583FS-10 days
1585	5th Storey Common Area, Lobby & Staircase	18 days	Wed 20/10/21	Tue 9/11/21	1584FS-10 days
1586	Attic Roof Common Area & Staircase	18 days	Fri 29/10/21	Thu 18/11/21	1585FS-10 days
1587	**Roof**	**49 days**	**Mon 11/10/21**	**Mon 6/12/21**	
1588	Misc RC works	14 days	Mon 11/10/21	Tue 26/10/21	1584SS
1589	Waterproofing works	14 days	Wed 27/10/21	Thu 11/11/21	1588
1590	Plastering	14 days	Fri 12/11/21	Sat 27/11/21	1589
1591	Misc. works	7 days	Mon 29/11/21	Mon 6/12/21	1590
1592	**External Façade**	**35 days**	**Wed 27/10/21**	**Mon 6/12/21**	
1593	External wall plastering	15 days	Wed 27/10/21	Fri 12/11/21	1589SS
1594	Water tightness test	15 days	Tue 2/11/21	Thu 18/11/21	1593FS-10 days
1595	External wall painting	15 days	Fri 19/11/21	Mon 6/12/21	1593FS+5 days
1596	**Block 5 Architectural & M&E Works**	**142 days**	**Thu 1/07/21**	**Mon 13/12/21**	



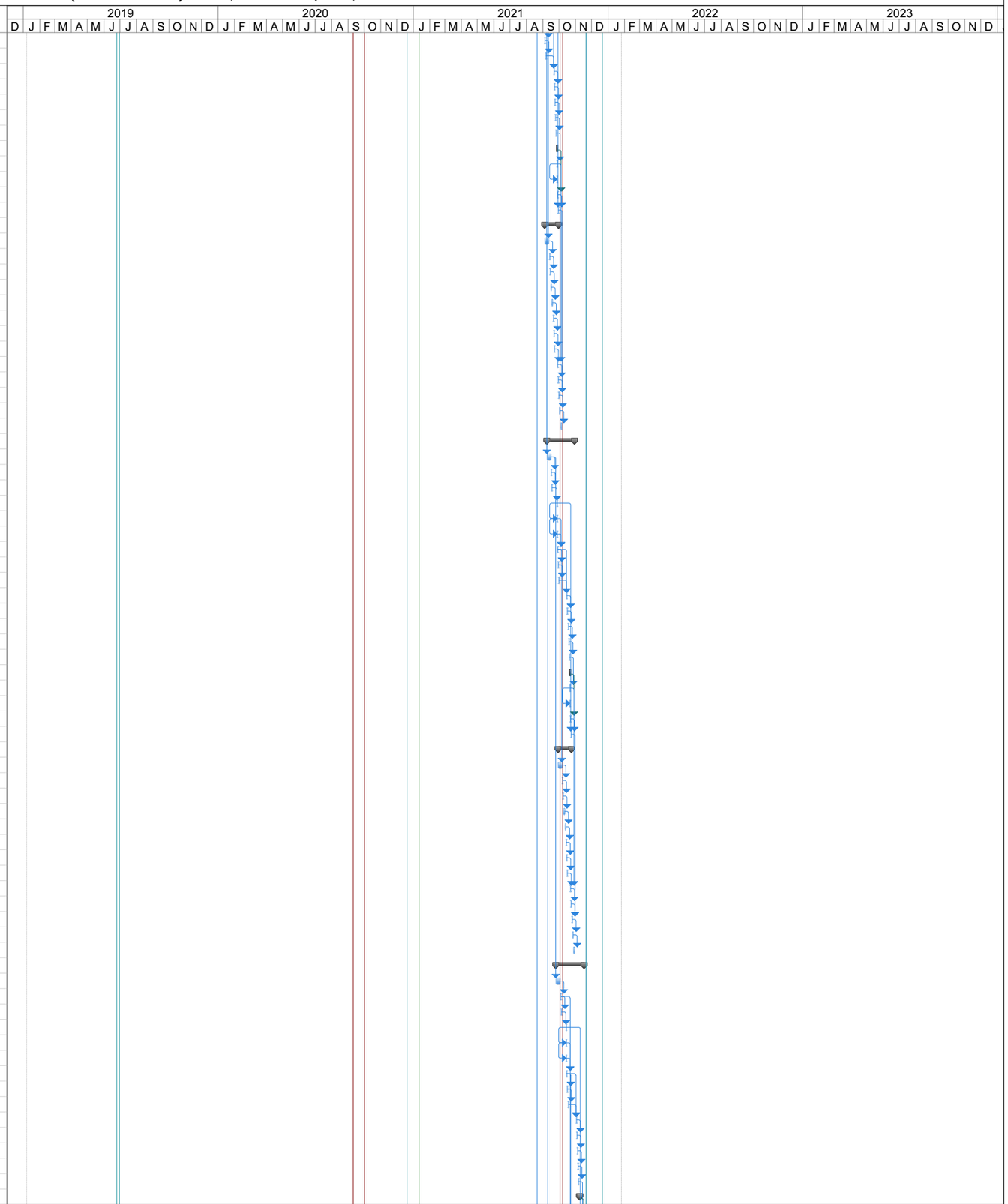
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1597	**1st Storey**	**45 days**	**Thu 1/07/21**	**Sat 21/08/21**	
1598	Sanitary stack and waste pipe installation	7 days	Thu 1/07/21	Thu 8/07/21	326
1599	RWDP installation	1 day	Fri 9/07/21	Fri 9/07/21	1598
1600	Block wall installation	1 day	Sat 10/07/21	Sat 10/07/21	1599
1601	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Tue 20/07/21	Tue 20/07/21	1600FS+7 days
1602	Window outer frame installation	1 day	Tue 20/07/21	Tue 20/07/21	1601SS
1603	Door outer frame installation	1 day	Tue 20/07/21	Tue 20/07/21	1602SS
1604	Internal wall Skim Coat	1 day	Wed 21/07/21	Wed 21/07/21	1602,1603
1605	Floor screeding to receive respective final finishes	1 day	Thu 22/07/21	Thu 22/07/21	1604
1606	ceiling (skimming coat / false ceiling)	1 day	Fri 23/07/21	Fri 23/07/21	1605
1607	Internal painting (sealer / base coat)	1 day	Sat 7/08/21	Sat 7/08/21	1604FS+14 days,1606
1608	M&E 2nd fix (wiring, circuits)	1 day	Mon 9/08/21	Mon 9/08/21	1607
1609	Window inner frame & glazing	1 day	Tue 10/08/21	Tue 10/08/21	1608
1610	Internal floor finishes except parquet	1 day	Wed 11/08/21	Wed 11/08/21	1609
1611	Timber floor installation	1 day	Thu 12/08/21	Thu 12/08/21	1610
1612	Cabinetry Work	1 day	Fri 13/08/21	Fri 13/08/21	
1613	Kitchen cabinetry work + vanity top	1 day	Fri 13/08/21	Fri 13/08/21	1611
1614	Bedroom wardrobes	1 day	Fri 13/08/21	Fri 13/08/21	1613SS
1615	Door panel installation	1 day	Sat 14/08/21	Sat 14/08/21	1612
1616	M&E final fix	1 day	Mon 16/08/21	Mon 16/08/21	1601,1615
1617	Wet Area (Kitchen)	22 days	Thu 22/07/21	Mon 16/08/21	
1618	Internal wet area waterproofing	7 days	Thu 22/07/21	Thu 29/07/21	1604
1619	Water ponding test	1 day	Fri 30/07/21	Fri 30/07/21	1618
1620	Protective screed over waterproofing	1 day	Sat 31/07/21	Sat 31/07/21	1619
1621	Internal wall tiling	2 days	Mon 2/08/21	Tue 3/08/21	1620
1622	False ceiling	2 days	Wed 4/08/21	Thu 5/08/21	1621
1623	Internal painting (sealer / base coat)	1 day	Fri 6/08/21	Fri 6/08/21	1622
1624	M&E 2nd fix (wiring, circuit)	1 day	Sat 7/08/21	Sat 7/08/21	1623
1625	Internal floor finishes	1 day	Mon 9/08/21	Mon 9/08/21	1624
1626	Sink & Fitting installation	1 day	Sat 14/08/21	Sat 14/08/21	1613,1625
1627	M&E final fix	1 day	Mon 16/08/21	Mon 16/08/21	1626
1628	M&E services preliminary T&C	1 day	Tue 17/08/21	Tue 17/08/21	1616,1627
1629	Final painting	2 days	Wed 18/08/21	Thu 19/08/21	1628
1630	Clean up and lock up	2 days	Fri 20/08/21	Sat 21/08/21	1629
1631	**2nd Storey**	**45 days**	**Wed 28/07/21**	**Fri 17/09/21**	
1632	Sanitary stack and waste pipe installation	7 days	Wed 28/07/21	Wed 4/08/21	327FS+8 days
1633	RWDP installation	1 day	Thu 5/08/21	Thu 5/08/21	1632
1634	Block wall installation	1 day	Fri 6/08/21	Fri 6/08/21	1633
1635	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Mon 16/08/21	Mon 16/08/21	1634FS+7 days
1636	Window outer frame installation	1 day	Mon 16/08/21	Mon 16/08/21	1635SS
1637	Door outer frame installation	1 day	Mon 16/08/21	Mon 16/08/21	1636SS
1638	Internal wall Skim Coat	1 day	Tue 17/08/21	Tue 17/08/21	1636,1637
1639	Floor screeding to receive respective final finishes	1 day	Wed 18/08/21	Wed 18/08/21	1638
1640	ceiling (skimming coat / false ceiling)	1 day	Thu 19/08/21	Thu 19/08/21	1639
1641	Internal painting (sealer / base coat)	1 day	Fri 3/09/21	Fri 3/09/21	1638FS+14 days,1640
1642	M&E 2nd fix (wiring, circuits)	1 day	Sat 4/09/21	Sat 4/09/21	1641
1643	Window inner frame & glazing	1 day	Mon 6/09/21	Mon 6/09/21	1642
1644	Internal floor finishes except parquet	1 day	Tue 7/09/21	Tue 7/09/21	1643
1645	Timber floor installation	1 day	Wed 8/09/21	Wed 8/09/21	1644
1646	Cabinetry Work	1 day	Thu 9/09/21	Thu 9/09/21	
1647	Kitchen cabinetry work + vanity top	1 day	Thu 9/09/21	Thu 9/09/21	1645
1648	Bedroom wardrobes	1 day	Thu 9/09/21	Thu 9/09/21	1647SS
1649	Door panel installation	1 day	Fri 10/09/21	Fri 10/09/21	1646
1650	M&E final fix	1 day	Sat 11/09/21	Sat 11/09/21	1635,1649
1651	Wet Area (Kitchen)	22 days	Wed 18/08/21	Sat 11/09/21	
1652	Internal wet area waterproofing	7 days	Wed 18/08/21	Wed 25/08/21	1638
1653	Water ponding test	1 day	Thu 26/08/21	Thu 26/08/21	1652
1654	Protective screed over waterproofing	1 day	Fri 27/08/21	Fri 27/08/21	1653
1655	Internal wall tiling	2 days	Sat 28/08/21	Mon 30/08/21	1654
1656	False ceiling	2 days	Tue 31/08/21	Wed 1/09/21	1655
1657	Internal painting (sealer / base coat)	1 day	Thu 2/09/21	Thu 2/09/21	1656
1658	M&E 2nd fix (wiring, circuit)	1 day	Fri 3/09/21	Fri 3/09/21	1657
1659	Internal floor finishes	1 day	Sat 4/09/21	Sat 4/09/21	1658
1660	Sink & Fitting installation	1 day	Fri 10/09/21	Fri 10/09/21	1647,1659
1661	M&E final fix	1 day	Sat 11/09/21	Sat 11/09/21	1660
1662	M&E services preliminary T&C	1 day	Mon 13/09/21	Mon 13/09/21	1650,1661
1663	Final painting	2 days	Tue 14/09/21	Wed 15/09/21	1662
1664	Clean up and lock up	2 days	Thu 16/09/21	Fri 17/09/21	1663
1665	**3rd Storey**	**45 days**	**Sat 14/08/21**	**Tue 5/10/21**	
1666	Sanitary stack and waste pipe installation	7 days	Sat 14/08/21	Sat 21/08/21	1632FS+8 days
1667	RWDP installation	1 day	Mon 23/08/21	Mon 23/08/21	1666
1668	Block wall installation	1 day	Tue 24/08/21	Tue 24/08/21	1667
1669	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Thu 2/09/21	Thu 2/09/21	1668FS+7 days
1670	Window outer frame installation	1 day	Thu 2/09/21	Thu 2/09/21	1669SS
1671	Door outer frame installation	1 day	Thu 2/09/21	Thu 2/09/21	1670SS
1672	Internal wall Skim Coat	1 day	Fri 3/09/21	Fri 3/09/21	1670,1671



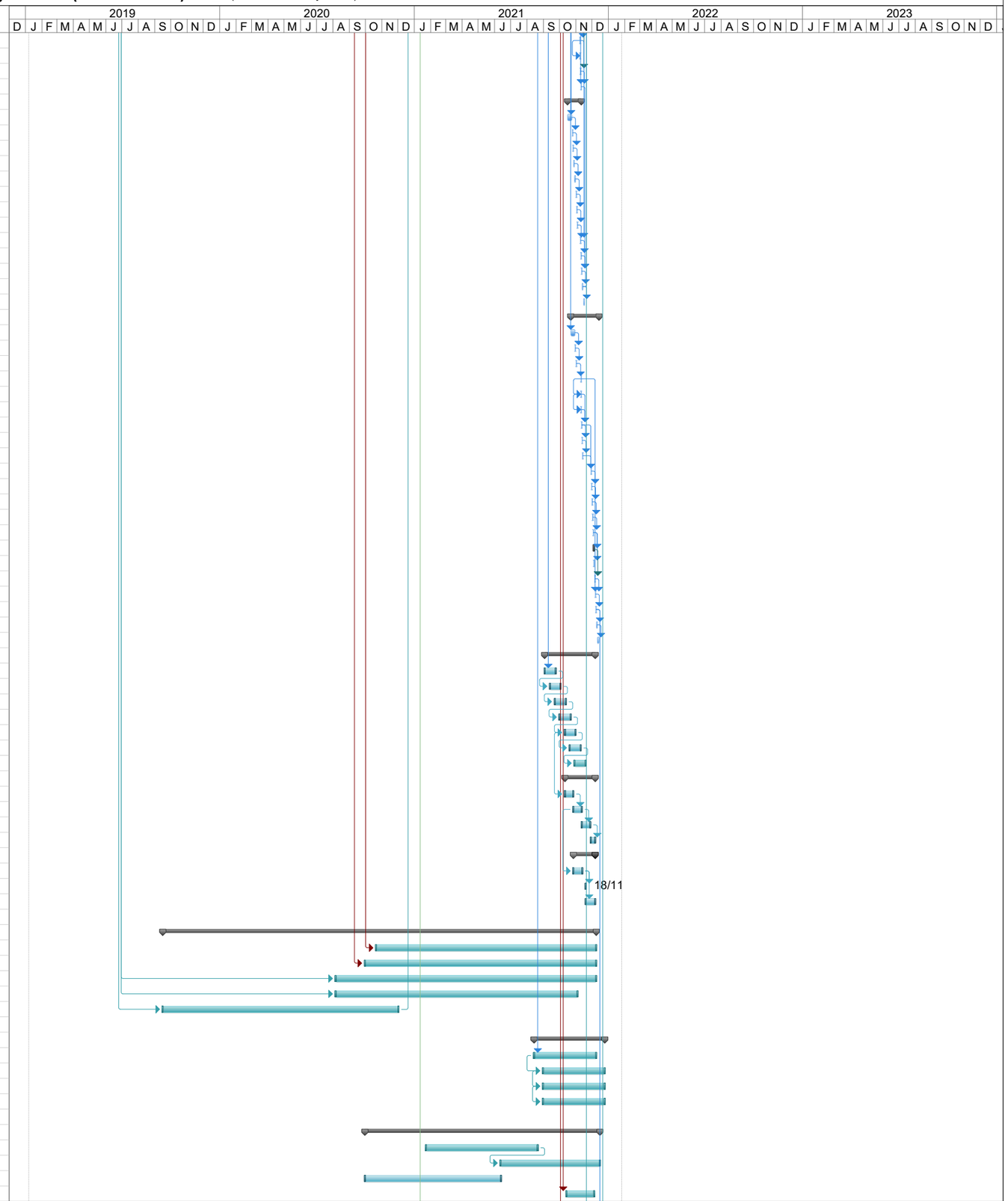
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1673	Floor screeding to receive respective final finishes	1 day	Sat 4/09/21	Sat 4/09/21	1672
1674	ceiling (skimming coat / false ceiling)	1 day	Mon 6/09/21	Mon 6/09/21	1673
1675	Internal painting (sealer / base coat)	1 day	Tue 21/09/21	Tue 21/09/21	1672FS+14 days,1674
1676	M&E 2nd fix (wiring, circuits)	1 day	Wed 22/09/21	Wed 22/09/21	1675
1677	Window inner frame & glazing	1 day	Thu 23/09/21	Thu 23/09/21	1676
1678	Internal floor finishes except parquet	1 day	Fri 24/09/21	Fri 24/09/21	1677
1679	Timber floor installation	1 day	Sat 25/09/21	Sat 25/09/21	1678
1680	Cabinetry Work	1 day	Mon 27/09/21	Mon 27/09/21	
1681	Kitchen cabinetry work + vanity top	1 day	Mon 27/09/21	Mon 27/09/21	1679
1682	Bedroom wardrobes	1 day	Mon 27/09/21	Mon 27/09/21	1681SS
1683	Door panel installation	1 day	Tue 28/09/21	Tue 28/09/21	1680
1684	M&E final fix	1 day	Wed 29/09/21	Wed 29/09/21	1669,1683
1685	Wet Area (Kitchen)	22 days	Sat 4/09/21	Wed 29/09/21	
1686	Internal wet area waterproofing	7 days	Sat 4/09/21	Sat 11/09/21	1672
1687	Water ponding test	1 day	Mon 13/09/21	Mon 13/09/21	1686
1688	Protective screed over waterproofing	1 day	Tue 14/09/21	Tue 14/09/21	1687
1689	Internal wall tiling	2 days	Wed 15/09/21	Thu 16/09/21	1688
1690	False ceiling	2 days	Fri 17/09/21	Sat 18/09/21	1689
1691	Internal painting (sealer / base coat)	1 day	Mon 20/09/21	Mon 20/09/21	1690
1692	M&E 2nd fix (wiring, circuit)	1 day	Tue 21/09/21	Tue 21/09/21	1691
1693	Internal floor finishes	1 day	Wed 22/09/21	Wed 22/09/21	1692
1694	Sink & Fitting installation	1 day	Tue 28/09/21	Tue 28/09/21	1681,1693
1695	M&E final fix	1 day	Wed 29/09/21	Wed 29/09/21	1694
1696	M&E services preliminary T&C	1 day	Thu 30/09/21	Thu 30/09/21	1684,1695
1697	Final painting	2 days	Fri 1/10/21	Sat 2/10/21	1696
1698	Clean up and lock up	2 days	Mon 4/10/21	Tue 5/10/21	1697
1699	**4th Storey**	**45 days**	**Wed 8/09/21**	**Fri 29/10/21**	
1700	Sanitary stack and waste pipe installation	7 days	Wed 8/09/21	Wed 15/09/21	1666FS+14 days
1701	RWDP installation	1 day	Thu 16/09/21	Thu 16/09/21	1700
1702	Block wall installation	1 day	Fri 17/09/21	Fri 17/09/21	1701
1703	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Mon 27/09/21	Mon 27/09/21	1702FS+7 days
1704	Window outer frame installation	1 day	Mon 27/09/21	Mon 27/09/21	1703SS
1705	Door outer frame installation	1 day	Mon 27/09/21	Mon 27/09/21	1704SS
1706	Internal wall Skim Coat	1 day	Tue 28/09/21	Tue 28/09/21	1704,1705
1707	Floor screeding to receive respective final finishes	1 day	Wed 29/09/21	Wed 29/09/21	1706
1708	ceiling (skimming coat / false ceiling)	1 day	Thu 30/09/21	Thu 30/09/21	1707
1709	Internal painting (sealer / base coat)	1 day	Fri 15/10/21	Fri 15/10/21	1706FS+14 days,1708
1710	M&E 2nd fix (wiring, circuits)	1 day	Sat 16/10/21	Sat 16/10/21	1709
1711	Window inner frame & glazing	1 day	Mon 18/10/21	Mon 18/10/21	1710
1712	Internal floor finishes except parquet	1 day	Tue 19/10/21	Tue 19/10/21	1711
1713	Timber floor installation	1 day	Wed 20/10/21	Wed 20/10/21	1712
1714	Cabinetry Work	1 day	Thu 21/10/21	Thu 21/10/21	
1715	Kitchen cabinetry work + vanity top	1 day	Thu 21/10/21	Thu 21/10/21	1713
1716	Bedroom wardrobes	1 day	Thu 21/10/21	Thu 21/10/21	1715SS
1717	Door panel installation	1 day	Fri 22/10/21	Fri 22/10/21	1714
1718	M&E final fix	1 day	Sat 23/10/21	Sat 23/10/21	1703,1717
1719	Wet Area (Kitchen)	22 days	Wed 29/09/21	Sat 23/10/21	
1720	Internal wet area waterproofing	7 days	Wed 29/09/21	Wed 6/10/21	1706
1721	Water ponding test	1 day	Thu 7/10/21	Thu 7/10/21	1720
1722	Protective screed over waterproofing	1 day	Fri 8/10/21	Fri 8/10/21	1721
1723	Internal wall tiling	2 days	Sat 9/10/21	Mon 11/10/21	1722
1724	False ceiling	2 days	Tue 12/10/21	Wed 13/10/21	1723
1725	Internal painting (sealer / base coat)	1 day	Thu 14/10/21	Thu 14/10/21	1724
1726	M&E 2nd fix (wiring, circuit)	1 day	Fri 15/10/21	Fri 15/10/21	1725
1727	Internal floor finishes	1 day	Sat 16/10/21	Sat 16/10/21	1726
1728	Sink & Fitting installation	1 day	Fri 22/10/21	Fri 22/10/21	1715,1727
1729	M&E final fix	1 day	Sat 23/10/21	Sat 23/10/21	1728
1730	M&E services preliminary T&C	1 day	Mon 25/10/21	Mon 25/10/21	1718,1729
1731	Final painting	2 days	Tue 26/10/21	Wed 27/10/21	1730
1732	Clean up and lock up	2 days	Thu 28/10/21	Fri 29/10/21	1731
1733	**5th Storey**	**45 days**	**Sat 25/09/21**	**Tue 16/11/21**	
1734	Sanitary stack and waste pipe installation	7 days	Sat 25/09/21	Sat 2/10/21	1700FS+8 days
1735	RWDP installation	1 day	Mon 4/10/21	Mon 4/10/21	1734
1736	Block wall installation	1 day	Tue 5/10/21	Tue 5/10/21	1735
1737	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Thu 14/10/21	Thu 14/10/21	1736FS+7 days
1738	Window outer frame installation	1 day	Thu 14/10/21	Thu 14/10/21	1737SS
1739	Door outer frame installation	1 day	Thu 14/10/21	Thu 14/10/21	1738SS
1740	Internal wall Skim Coat	1 day	Fri 15/10/21	Fri 15/10/21	1738,1739
1741	Floor screeding to receive respective final finishes	1 day	Sat 16/10/21	Sat 16/10/21	1740
1742	ceiling (skimming coat / false ceiling)	1 day	Mon 18/10/21	Mon 18/10/21	1741
1743	Internal painting (sealer / base coat)	1 day	Tue 2/11/21	Tue 2/11/21	1740FS+14 days,1742
1744	M&E 2nd fix (wiring, circuits)	1 day	Wed 3/11/21	Wed 3/11/21	1743
1745	Window inner frame & glazing	1 day	Thu 4/11/21	Thu 4/11/21	1744
1746	Internal floor finishes except parquet	1 day	Fri 5/11/21	Fri 5/11/21	1745
1747	Timber floor installation	1 day	Sat 6/11/21	Sat 6/11/21	1746
1748	Cabinetry Work	1 day	Mon 8/11/21	Mon 8/11/21	



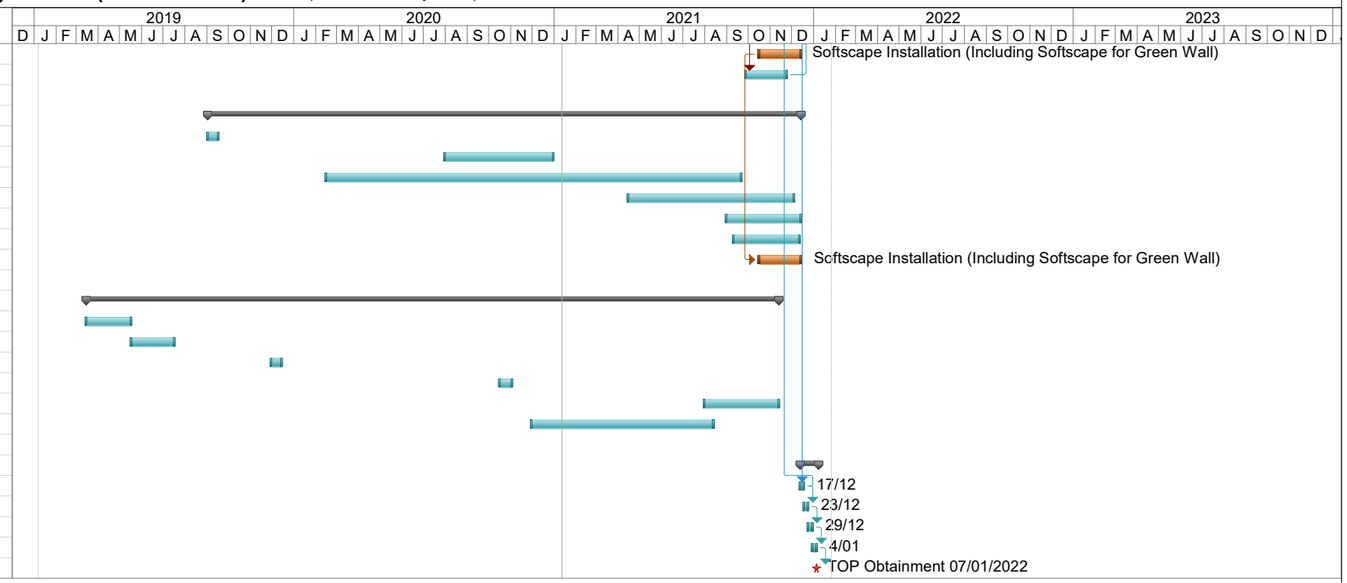
Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1749	Kitchen cabinetry work + vanity top	1 day	Mon 8/11/21	Mon 8/11/21	1747
1750	Bedroom wardrobes	1 day	Mon 8/11/21	Mon 8/11/21	1749SS
1751	Door panel installation	1 day	Tue 9/11/21	Tue 9/11/21	1748
1752	M&E final fix	1 day	Wed 10/11/21	Wed 10/11/21	1737,1751
1753	Wet Area (Kitchen)	22 days	Sat 16/10/21	Wed 10/11/21	
1754	Internal wet area waterproofing	7 days	Sat 16/10/21	Sat 23/10/21	1740
1755	Water ponding test	1 day	Mon 25/10/21	Mon 25/10/21	1754
1756	Protective screed over waterproofing	1 day	Tue 26/10/21	Tue 26/10/21	1755
1757	Internal wall tiling	2 days	Wed 27/10/21	Thu 28/10/21	1756
1758	False ceiling	2 days	Fri 29/10/21	Sat 30/10/21	1757
1759	Internal painting (sealer / base coat)	1 day	Mon 1/11/21	Mon 1/11/21	1758
1760	M&E 2nd fix (wiring, circuit)	1 day	Tue 2/11/21	Tue 2/11/21	1759
1761	Internal floor finishes	1 day	Wed 3/11/21	Wed 3/11/21	1760
1762	Sink & Fitting installation	1 day	Tue 9/11/21	Tue 9/11/21	1749,1761
1763	M&E final fix	1 day	Wed 10/11/21	Wed 10/11/21	1762
1764	M&E services preliminary T&C	1 day	Thu 11/11/21	Thu 11/11/21	1752,1763
1765	Final painting	2 days	Fri 12/11/21	Sat 13/11/21	1764
1766	Clean up and lock up	2 days	Mon 15/11/21	Tue 16/11/21	1765
1767	**Attic Storey**	**45 days**	**Fri 22/10/21**	**Mon 13/12/21**	
1768	Sanitary stack and waste pipe installation	7 days	Fri 22/10/21	Fri 29/10/21	1735FS+15 days
1769	RWDP installation	1 day	Sat 30/10/21	Sat 30/10/21	1768
1770	Block wall installation	1 day	Mon 1/11/21	Mon 1/11/21	1769
1771	M&E 1st fix (concealed in wall or above false ceiling items)	1 day	Wed 10/11/21	Wed 10/11/21	1770FS+7 days
1772	Window outer frame installation	1 day	Wed 10/11/21	Wed 10/11/21	1771SS
1773	Door outer frame installation	1 day	Wed 10/11/21	Wed 10/11/21	1772SS
1774	Internal wall Skim Coat	1 day	Thu 11/11/21	Thu 11/11/21	1772,1773
1775	Floor screeding to receive respective final finishes	1 day	Fri 12/11/21	Fri 12/11/21	1774
1776	ceiling (skimming coat / false ceiling)	1 day	Sat 13/11/21	Sat 13/11/21	1775
1777	Internal painting (sealer / base coat)	1 day	Mon 29/11/21	Mon 29/11/21	1774FS+14 days,1776
1778	M&E 2nd fix (wiring, circuits)	1 day	Tue 30/11/21	Tue 30/11/21	1777
1779	Window inner frame & glazing	1 day	Wed 1/12/21	Wed 1/12/21	1778
1780	Internal floor finishes except parquet	1 day	Thu 2/12/21	Thu 2/12/21	1779
1781	Timber floor installation	1 day	Fri 3/12/21	Fri 3/12/21	1780
1782	Cabinetry Work	1 day	Sat 4/12/21	Sat 4/12/21	1781
1783	Bedroom wardrobes	1 day	Sat 4/12/21	Sat 4/12/21	1781
1784	Door panel installation	1 day	Mon 6/12/21	Mon 6/12/21	1782
1785	M&E final fix	1 day	Tue 7/12/21	Tue 7/12/21	1771,1784
1786	M&E services preliminary T&C	1 day	Wed 8/12/21	Wed 8/12/21	1785
1787	Final painting	2 days	Thu 9/12/21	Fri 10/12/21	1786
1788	Clean up and lock up	2 days	Sat 11/12/21	Mon 13/12/21	1787
1789	**Stories Common Area: Lobby, Staircase & Roof**	**81 days**	**Fri 3/09/21**	**Mon 6/12/21**	
1790	Basement Common Area, Lobby & Staircase	18 days	Fri 3/09/21	Thu 23/09/21	1670
1791	1st Storey Common Area, Lobby & Staircase	18 days	Mon 13/09/21	Sat 2/10/21	1790FS-10 days
1792	2nd Storey Common Area, Lobby & staircase	18 days	Wed 22/09/21	Tue 12/10/21	1791FS-10 days
1793	3rd Storey Common Area, Lobby & Staircase	18 days	Fri 1/10/21	Thu 21/10/21	1792FS-10 days
1794	4th Storey Common Area, Lobby & Staircase	18 days	Mon 11/10/21	Sat 30/10/21	1793FS-10 days
1795	5th Storey Common Area, Lobby & Staircase	18 days	Wed 20/10/21	Tue 9/11/21	1794FS-10 days
1796	Attic Roof Common Area & Staircase	18 days	Fri 29/10/21	Thu 18/11/21	1795FS-10 days
1797	**Roof**	**49 days**	**Mon 11/10/21**	**Mon 6/12/21**	
1798	Misc RC works	14 days	Mon 11/10/21	Tue 26/10/21	1794SS
1799	Waterproofing works	14 days	Wed 27/10/21	Thu 11/11/21	1798
1800	Plastering	14 days	Fri 12/11/21	Sat 27/11/21	1799
1801	Misc. works	7 days	Mon 29/11/21	Mon 6/12/21	1800
1802	**External Façade**	**35 days**	**Wed 27/10/21**	**Mon 6/12/21**	
1803	External wall plastering	15 days	Wed 27/10/21	Fri 12/11/21	1799SS
1804	Water tightness test	15 days	Tue 2/11/21	Thu 18/11/21	1803FS-10 days
1805	External wall painting	15 days	Fri 19/11/21	Mon 6/12/21	1803FS+5 days
1806					
1807	**M&E Work**	**699 days**	**Mon 16/09/19**	**Wed 8/12/21**	
1808	Electrical work	355 days	Wed 21/10/20	Wed 8/12/21	261SS-60 days
1809	Plumbing & Sanitary work	373 days	Wed 30/09/20	Wed 8/12/21	261SS-78 days
1810	Aircon work	420 days	Thu 6/08/20	Wed 8/12/21	238SS+20 days
1811	Fire work	390 days	Thu 6/08/20	Wed 3/11/21	238SS+20 days
1812	Lift work	380 days	Mon 16/09/19	Tue 1/12/20	248SS+60 days
1813					
1814	**Quality Mark Inspection**	**114 days**	**Sat 14/08/21**	**Fri 24/12/21**	
1815	Prepare for internal QM inspection from Level 1 to Attic level	100 days	Sat 14/08/21	Wed 8/12/21	438
1816	Internal QM Inspection from Level 1 to Attic Level	100 days	Tue 31/08/21	Fri 24/12/21	1815SS+14 days
1817	BCA Unit QM Application from Level 1 to Attic Level	100 days	Tue 31/08/21	Fri 24/12/21	1816SS
1818	Unit QM inspection	100 days	Tue 31/08/21	Fri 24/12/21	1817SS
1819					
1820	**External Work**	**379 days**	**Wed 30/09/20**	**Wed 15/12/21**	
1821	Hard Landscaping	180 days	Sat 23/01/21	Fri 20/08/21	
1822	Pavilions installation works	160 days	Sat 12/06/21	Wed 15/12/21	1821FS-60 days
1823	Storm Water Drainage & Sewer Drainage	220 days	Wed 30/09/20	Sat 12/06/21	
1824	Timber Decking Works (Pool Deck) & Swimming Pool	45 days	Thu 14/10/21	Sat 4/12/21	333FS+15 days



Master Programme for **Project Sun (The Gazania)** Rev_6 (13th of January 2021)

ID	Task Name	Duration	Start	Finish	Predecessors
1825	Softscape Installation (Including Softscape for Green Wall)	50 days	Sat 16/10/21	Mon 13/12/21	
1826	Internal road, landscape lighting and street lighting works	50 days	Mon 27/09/21	Tue 23/11/21	333
1827					
1828	**Detail Landscaping Work**	**715 days**	**Mon 2/09/19**	**Mon 13/12/21**	
1829	Award Landscape Contractor	13 days	Mon 2/09/19	Mon 16/09/19	
1830	Landscape shopdrawing and specification submission	131 days	Fri 31/07/20	Wed 30/12/20	
1831	Monitoring nursery progress	500 days	Sat 15/02/20	Mon 20/09/21	
1832	Install drainage cell and membrane	200 days	Thu 15/04/21	Fri 3/12/21	
1833	Infill soil for planting area	90 days	Tue 31/08/21	Mon 13/12/21	
1834	Auto irrigation installation works	80 days	Fri 10/09/21	Sat 11/12/21	
1835	Softscape Installation	50 days	Sat 16/10/21	Mon 13/12/21	1825SS
1836					
1837	**Green Mark Preparation**	**835 days**	**Fri 15/03/19**	**Fri 12/11/21**	
1838	Meeting for Green Mark requirement	54 days	Fri 15/03/19	Thu 16/05/19	
1839	To confirm green mark items to sepcified trades	52 days	Fri 17/05/19	Tue 16/07/19	
1840	Preparation work for green mark documents	13 days	Sat 30/11/19	Sat 14/12/19	
1841	Combine all wares & mixers green mark certificate	15 days	Fri 16/10/20	Mon 2/11/20	
1842	Combine all Dos and green mark label certificate	90 days	Sat 31/07/21	Fri 12/11/21	
1843	Proceed with site mixers water flow test	220 days	Mon 30/11/20	Thu 12/08/21	
1844					
1845	**TOP Inspection**	**23 days**	**Mon 13/12/21**	**Fri 7/01/22**	
1846	M&E RI	5 days	Mon 13/12/21	Fri 17/12/21	1786FS+3 days
1847	Archi RI	5 days	Sat 18/12/21	Thu 23/12/21	1846
1848	TOP Readiness	5 days	Fri 24/12/21	Wed 29/12/21	1847
1849	BCA site inspection	5 days	Thu 30/12/21	Tue 4/01/22	1848
1850	Obtain TOP Certification	3 days	Wed 5/01/22	Fri 7/01/22	1849



SECTION 4

PROGRAMME

4.2 Authority Submission Status for M&E Services – 1st Submission

Service	Authority	Original Submission		Comments/Resubmission						Approval/
		Scheduled	Actual	Comment	Resubmit	Comment	Resubmit	Comment	Resubmit	Clearance
Application for Electricity Supply	SP Services Ltd	30 Sep 2019								
Power Supply Substation	SP PowerGrid Ltd	29 Mar 2019								9 Mar 2022
Metering Layout	SP Services Ltd									
Sanitary Installation	PUB Water Reclamation (Network) Dept	11 Nov 2019	27 Nov 2020							29 Nov 2020
Domestic Water Supply	PUB (Water Supply) Network Dept	4 Dec 2020	13 Oct 2020	1 Dec 2020	18 Dec 2020					12 Apr 2021
Gas Supply Installation	City Gas Pte Ltd	8 Jan 2020	5 Dec 2020	30 Nov 2020	15 Dec 2020					1 Mar 2021
Air Conditioning & Ventilation Inst.	FSSD	18 Mar 2020	27 Oct 2020							30 Nov 2020
Fire Fighting & Alarm Installation	FSSD	18 Mar 2020	18 Dec 2020							23 Dec 2020
Telephone Installation	TFCC	2 Sep 2019	20 Jul 2020	12 Aug 2020	19 Jan 2021					17 Feb 2021
Broadband Co-axial Cable System (BCS)	Starhub Cable Vision									
Fuel Storage	FSSD									
	NEA (Pollution Control)									

SECTION 4

PROGRAMME

4.3 Authority Submission Status for M&E Services (Amendments) – 2nd Submission

Service	Authority	Original Submission		Comments/Resubmission						Approval/
		Scheduled	Actual	Comment	Resubmit	Comment	Resubmit	Comment	Resubmit	Clearance
Application for Electricity Supply	SP Services Ltd									
Power Supply Substation	SP PowerGrid Ltd									
Metering Layout	SP Services Ltd									
Sanitary Installation	PUB Water Reclamation (Network) Dept									
Domestic Water Supply	PUB (Water Supply) Network Dept									
Gas Supply Installation	City Gas Pte Ltd									
Air Conditioning & Ventilation Inst.	FSSD		25 Apr 2022							9 May 2022
Fire Fighting & Alarm Installation	FSSD		24 May 2022							5 Jun 2022
Telephone Installation	TFCC									
Broadband Co-axial Cable System (BCS)	Starhub Cable Vision									
Fuel Storage	FSSD									
	NEA (Pollution Control)									

SECTION 5

PROJECT RECORDS

5.1 List of Internal Files

Standard Files

File Ref:		File Ref:	
- Owner	✓	- Architect	✓
- Authorities	✓	- Other Consultants	✓
- Contractors	✓	- CC	✓
- CF	✓	- PQP/QSP	✓

Project Files to be initiated by PM as and when required

File Ref:		File Ref:		File Ref:	

(✓*where applicable*)

SECTION 5

PROJECT RECORDS

5.2 Filing of Drawings

The following team members shall take charge of filing of drawings, stamping "SUPERSEDED" drawings, etc.

Description	Team Member
Incoming Architectural Floor Plans	Softcopy saved in the server
Incoming Architectural Sketches/Details	
Incoming Structural Drawings	
M&E Drawings - Electrical Installation - Lift & Escalator Installation - Air Conditioning & Ventilation Installation - Fire Fighting & Alarm Installation - Plumbing & Sanitary Installation - Swimming Pool & Filtration Installation	
Other Drawings	

SECTION 6

INTERFACING

6.1 Method of Interface

Description	Method of Interface	
Client's Review & Approval	M&E Design Report	✓
	Pre-planned meeting at fixed intervals	✓
	Telefax, letter and telephone	✓
	Email	✓
Interface With External Design Teams	M&E Design Report	✓
	Pre-planned meeting at fixed intervals	✓
	Telefax, letter and telephone	✓
	Email	✓
Interface Between Internal Design Teams	Telephone	✓
	Email	✓
	Internal Project Team Meeting	✓
	Circulation of Information	✓

(✓ *where applicable*)

SECTION 6

INTERFACING

6.2 Internal Design Interface – Not Applicable

Item No.	Description*	Required From	Required By	Date Required	Remarks

** Information required by INTERNAL DESIGN TEAM MEMBERS*

SECTION 6

INTERFACING

6.3 Circulation of Documents to External Parties

	Code: A - Approval Required C - For Comments I - For Information Only	Client/ Client Rep.	* Client's Project Manager	Architect	Structural Engineer	Quantity Surveyor	
1.	**Letters/Fax:**						
a.	Project Design	A	A	A	C	I	
b.	Project Administration	A	A	C	I	I	
c.	Project Cost Estimate/Contract Cost	A	A	C	I	C	
2.	**Drawings**						
a.	Outline Design Drgs.	A	A	A	C	-	
b.	Sketch Design Drgs.	A	A	A	C	-	
c.	Final Design Drgs.	A	A	A	C	-	
d.	Shop Drawings	I	I	A/C	C	-	
e.	As Built Drgs.	I	I	I	I	-	
3.	**Other Document**						
a.	Specification	A	A	A	I	I	
b.	Tender Document	A	A	A	I	I	
c.	Tender Evaluation Report	A	A	A	I	I	
d.	Design Report	A	A	A/C	I	-	
e.	Progress Report	I	I	I	I	I	
f.	Financial Report	A	A	A/C	I	I	
g.	Minutes of Meeting	I	I	I	I	I	
h.	Inspection Report	I	I	I	-	-	
i.	Testing & Comm. Report	I	I	I	-	-	
j.	O & M Manual	I	I	I	-	-	

*Note: Applicable only, if the client engaged a Project Manager.

SECTION 7

WORK AUTHORISATION

Activity \ Authorised Signatories	PD	QP	PM	AE	SS
General Correspondences with Client			√	√	
General Correspondences with Other Consultants			√	√	
M&E Cost Estimate Report	√	√	√		
M&E Design Report	√	√	√		
Check Prints		√			
Tender Drawing Approval	√	√	√		
Tender Specification Approval	√	√	√		
List of Tenderers	√	√	√		
Tender Questionnaires	√	√	√		
Tender Reports	√	√	√		
Draft Letter of Award	√	√	√		
Review of Contractor's Shop Drawing			√	√	
Review of Contractor's Technical Submittal			√	√	
Review of Contractor's Sample Submittal			√	√	
Contractor's Request for Deviation		√	√		
Progress Payment Valuation Form	√		√		
Final Account Valuation	√		√		
Draft Variation Order	√		√		
Engineer/Architect's Instruction/Direction	√		√		
Site Instruction/Direction			√		
Correspondence/Submission to Authorities	√	√			

(✓*where authorised*)

Key to abbreviations:-

PD : Project Director
QP : Qualified Person
PM : Project Manager/Assistant Project Manager
AE : Assistant Engineer
SS : ACEPL Site Staff

SECTION 8

DESIGN INPUT & METHODOLOGY

8.1 List of Client's Standards, Reference Documents or Brief – Not Applicable

ITEM	KEPT BY

8.2 List of Applicable Code of Practice and Regulations

Services	Title of Code of Practice/Standard
Electrical Wiring	SS CP5 : 1998
Lightning Protection System	SS 555 : 2018
Emergency Voice Communication System	NA
Air Conditioning & Ventilation Installation	SS 553 : 2016
Lift & Escalator Installation	SS 550 : 2009
Sprinkler System	SS CP 52 : 2004
Wet Riser System	SS 575 : 2012
Automatic Fire Alarm System	SS 645 : 2019
Sanitary System	Code of Practice on Sewerage & Sanitary Works : 2019
Plumbing System	SS 636 : 2018
Town Gas/LPG Supply System	SS 608 : 2015
Boiler and Steam Supply System	NA
Mechanical Smoke Control System	NA

SECTION 8

DESIGN INPUT & METHODOLOGY

8.3 List of Design Guide or Handbook Used

Carrier's Handbook of Air Conditioning System Design

ASHRAE Handbooks

Institute of Plumbing's Plumbing Services Design Guide

8.4 List of Pre-Consultation and Waiver – Not Applicable

S/N	Description	Date of Application	Date of Approval	Remarks
1	*Clause number in Code of Practice for (Services) which require clarification or waiver. Consultation Ref No. Waiver Ref. No.			
2	*Clause number in Code of Practice for (Services) which require clarification or waiver. Consultation Ref No. Waiver Ref. No.			
3	*Clause number in Code of Practice for (Services) which require clarification or waiver. Consultation Ref No. Waiver Ref. No.			

*To fill in actual information

8.5 List of Applicable Quality System Procedures

Alpha Consulting Engineers Pte Ltd's Quality Management System Procedures

Section	Title	✓ where applicable
M1	Preparation of Consultancy Offer	✓
M2	Project Commissioning and Service Agreement	✓
M3	Design Control	✓
M4	Design Change Control	✓
M5	Tender Process and Evaluation	✓
M6	Authority Submission	✓
M7	Construction Process Control	✓
M8	Testing and Commissioning	✓
S1	Document Control	✓
S2	Documentation of Quality & Environmental Management System Procedure	✓
S3	Documentation of Project Quality Plan	✓
S4	Specification Control	✓
S5	Library Control	✓
S6	Archive Control	✓
S7	Filing Control	✓
S8	Drawing Control	✓
S9	Administration Control	✓
S10	Purchasing Control	✓
S11	Training Control	✓
S12	Computer Control	✓
S13	Non-Conformity and Corrective Action Procedures	✓
S14	Quality & Environmental System Audit	✓
S15	Feedback Reporting	✓
S16	Clients Feedback	✓
S17	Management Review	✓
S18	Risk Identification, Assessment & Control	✓

8.6 List of Software Used For Design/Analysis

DESCRIPTION/ PACKAGE NAME	VERSION	SUPPLIER/ SOURCE	PURPOSE	
Cophos	3.31	Zumtobel	Lighting design	
Carrier E20-II	3.21	Carrier	Programme for determination of heat load, duct size and its losses, etc.	
Gensize 2	2.1	Onan	Generator sizing	
Hyena	4.00.1	ACADS-BSG	Fire Sprinkler & Hydrant Analysis	
Dialux	4.11	Freeware	Lighting design	
Lift Traffic	7.18	Elevate	Lift traffic calculation	
Fault Level Calculation	11.11	ETAP	Calculation of fault level and voltage drop	

(✓*where applicable*)

SECTION 9

ENVIRONMENTAL CONSIDERATIONS

9.1 Sustainable Design Features/Criteria

Item	Remarks
Green Mark criteria	Gold^{Plus}
Green Design Features	-

9.2 Site PPE Requirement – Not Applicable

The necessary Personal Protective Equipment (detailed below) shall be provided by the main contractor / Company in accordance to the site EHS requirements prior to the site monitoring.

PPE	✓ where applicable
Safety Helmet	
Safety Shoes	
Eye Protection	
Ear Protection	
Safety Harness / Belt	
Others:	

9.3 Site Emergency Preparedness – Not Applicable

Site staff shall comply with the site emergency preparedness and response procedure, established by the main contractor/owner, which shall include the following details.

Items	✓ where applicable
Evacuation Route	
Emergency Exit	
Assembly Point	
Emergency Contact List / Person	
Alarm system / methods	

SECTION 9

ENVIRONMENTAL CONSIDERATIONS

9.4 Reporting of Environmental Non-conformances

When encountering environmental non-conformances, Site Staff shall be responsible to feedback to the main contractor.

9.5 List of Applicable Environmental Management System Procedures

Alpha Consulting Engineers Pte Ltd's Environmental Management System Procedures

Section	Title	✓ where applicable
E1	Aspect/Impact Identification, Risk Assessment & Risk Control	✓
E2	Identifying Legal & Other Requirements	✓
E3	Objectives, Targets & Programmes	✓
E4	Communication	✓
E5	Emergency Preparedness & Response	✓
E6	Monitoring & Measurement	✓
E7	Control of Air & Noise Pollution	✓
E8	Management of Wastes	✓

SECTION 10

CLIENT'S REQUIREMENTS

10.1 List of Output Required by Client:

Item	* Remarks
M&E Design Report	A
M&E Cost Estimate Report	A
Pre-Qualification of Tenderers	A
Tender Documents	A
Tender Report	A
Payment Valuation for QS	A
Certificates of Supervision for TOP/CSC	RE

** Remarks*

A: for approval C: for comment I: for Information Re: for record

Other purposes and for action: please specify.

10.2 Specific Procedures Required By Client *(If applicable)*

SECTION 11

LIST OF SUB-JOB

11.1 List of Sub-Job Numbers – Not Applicable

Sub Job No	Description	Allocation Details