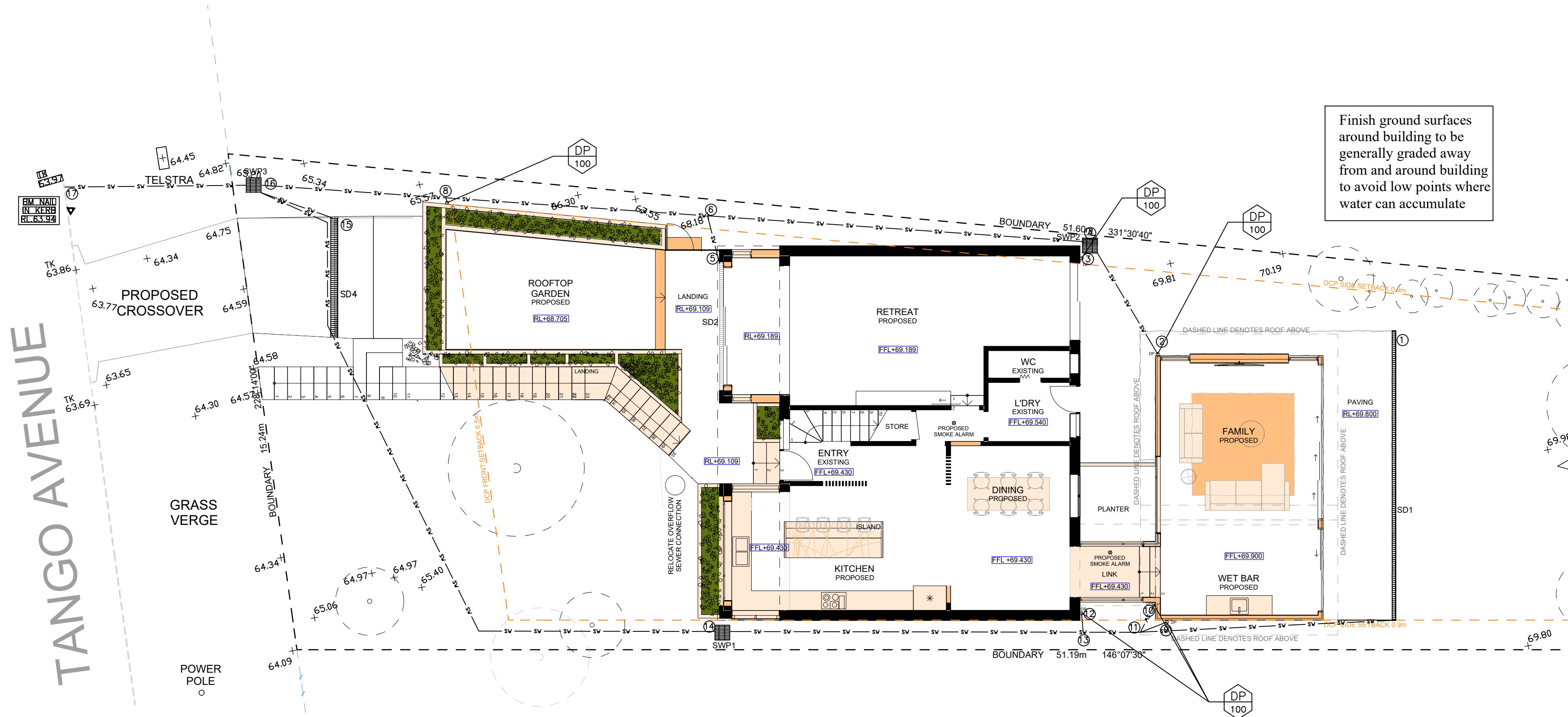




Finish ground surfaces around building to be generally graded away from and around building to avoid low points where water can accumulate

Note:
Investigate location of all existing services affected by new works and disuse, cap off, divert, upgrade, renew, reinstate services as required. Coordinate all temporary shutdowns with site superintendent, providing reasonable and adequate notice.

STORMWATER PIT AND DRAIN SCHEDULE					
Pit Number	Surface RL (m)	Outlet IL (m)	Depth (mm)	Internal Size (mm)	Duty
SWP1	68.46	68.01	450	450x450	Light
SWP2	69.43	68.98	450	450x450	Light
SWP3	65.10	64.65	450	450x450	Light
SD1	69.80	69.70	100	100	Light-Heel guard
SD2	69.109	69.009	100	100	Light-Heel guard
SD3	68.705	68.605	100	100	Light-Heel guard
SD4	65.20	65.05	200	150	Heavy

U/S Node	D/S Node	Area m ²	Imperv %	Coef	Slope %	Inflow l/s	Pipeflow l/s	Cap l/s	Size mm
1	11	197.9	8	0.59	1.0	10.4	10.4	8.8	100 PVC
2	4	34.9	100	0.90	1.0	2.8	2.8	8.8	100 PVC
3	4	63.4	100	0.90	1.0	5.1	5.1	8.8	100 PVC
4	6	0	0	0.90	1.0	0.0	7.8	8.8	100 PVC
5	6	5.3	100	0.90	1.0	0.4	0.4	8.8	100 PVC
6	8	0	0	0.90	1.0	0.0	8.3	8.8	100 PVC
7	8	22.5	100	0.90	1.0	1.8	1.8	8.8	100 PVC
8	16	0	0	0.90	2.0	0.0	10.1	12.9	100 PVC
9	11	24.4	100	0.90	1.0	1.9	1.9	8.8	100 PVC
10	11	4.5	100	0.90	1.0	0.4	0.4	8.8	100 PVC
11	13	0	0	0.90	1.0	0.0	12.7	15.0	150 PVC
12	13	63.4	100	0.90	1.0	5.1	5.1	8.8	100 PVC
13	14	0	0	0.90	1.0	0.0	17.7	24.7	150 PVC
14	16	0	0	0.90	1.0	0.0	17.7	24.7	150 PVC
15	16	10.3	100	0.90	1.0	0.8	0.8	8.8	100 PVC
16	17	0	0	0.90	1.0	0.0	28.6	-	100 PVC

Tall Ideas PTY LTD 7 Eaton St Willoughby NSW 2068 TEL 02 99581860 FAX 02 99672492 ABN 34 055 736 402	TITLE Stormwater Plan For 15 Tangp Ave Dee Why	CLIENT Mark Hopkins & Catherine Manu -	DRAWN A.S. SCALE @ A1 1:100, 1:10 APPROVED	CHECKED DATE 14/07/25
			DWG.No. 200507-H1 1 of 1	REVISION 2

NOTES:

Colebrook-White roughness $k = 0.015\text{mm}$ for polyvinyl chloride pipe (PVC) & 0.15mm for galvanised mild steel (GMS)

A minimum pipe slope of $1:100$ is assumed for calculation purposes.

Surface levels based on Architectural & Survey drawings.

Confirm practicality of pipe installation and advise of any discrepancy prior to construction.

Storage tank to be sewer grade UPVC with solvent welded joints laid on granular bedding to AS/NZS3500.3

Subsoil drain (where required) to be slotted UPVC with filter sock laid in free draining granular material.

Confirm all subsoil drainage requirements prior to construction and connection downstream of detention tank outlet where applicable.

All drainage to be min 100 dia UNO

All downpipes draining to the storage system shall be made watertight below the maximum water storage level.

Builder to be responsible for all relevant drainage works as required for construction purposes.

Any change to detention discharge control shall be submitted to consultant for approval prior to installation.

Final drainage layout shall be marked on As-Built drawings as required for certification and reference purposes.

Any easements, positive covenants or other legal instruments to be arranged and registered by surveyor or other approved agent.