

BOUNDARIES HAVE NOT BEEN LOCATED BY SURVEY. THE BOUNDARIES SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM THE TITLE DEPOSITED PLAN AND ARE APPROXIMATE RELATIVE TO THE DETAIL SURVEY.

DRAINAGE DESIGN SUMMARY

This design summary has been developed following the Relevant Codes and Documents from the Northern Beaches Council (Pittwater Council Guidelines)

SITE CHARACTERISTICS

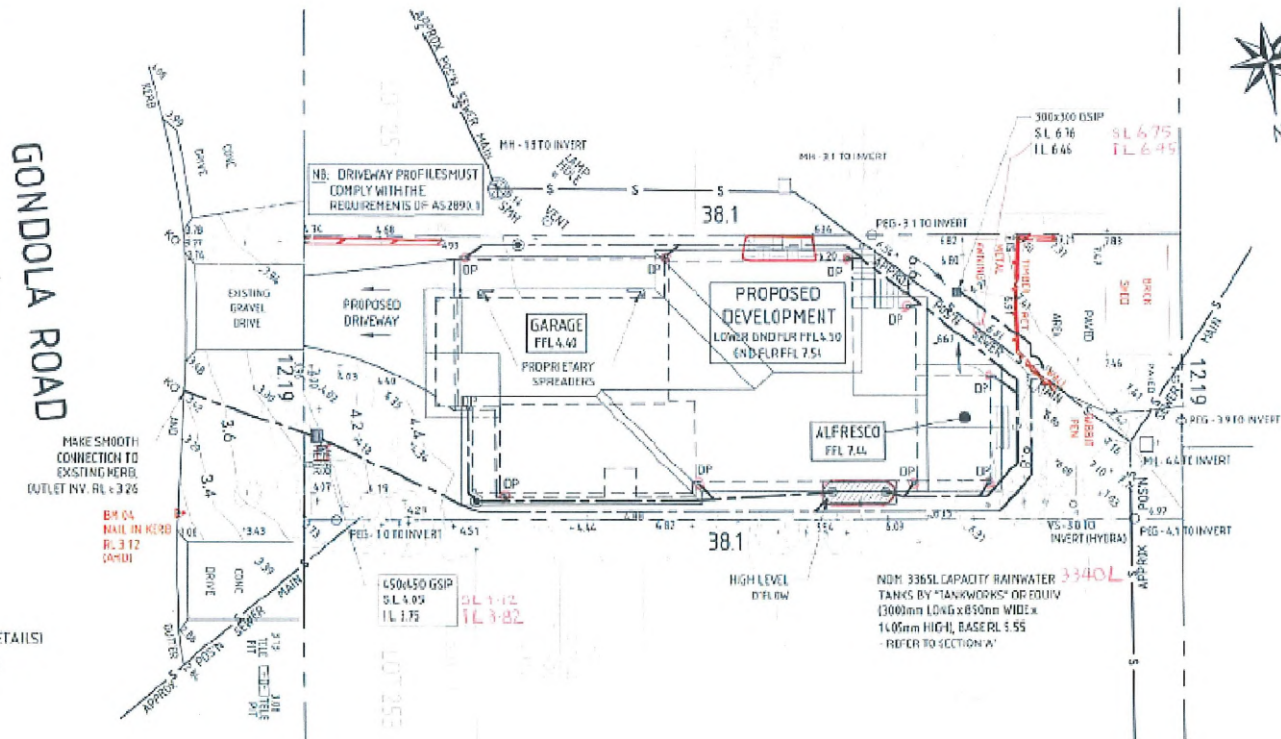
POST DEVELOPED SITE

Site area (m ²)	465
Current Impervious Area (m ²)	306.1
Proposed Impervious Area (m ²)	316
Increase in Impervious Area (m ²)	9.9
Increase in Impervious area 9.9m ² < 50m ² . Therefore no OSD required as per Pittwater Council Guidelines.	

RWT (Rain Water Tank)

RWT Volume Required - (Basis) (l)	3000
RWT Volume Provided - (Below Air-gap) (l)	3079 >
Vol. Req'd, OK	
RWT Nominal Volume (By Tanks or equivalent) (l)	3363L

- LEGEND**
- 4.00 - EXISTING CONTOURS
 - 4.00 - PROPOSED CONTOURS
 - DP_o - PROPOSED DOWN PIPE (100x50/290 U.N.O. - REFER DETAILS)
 - - PROPOSED PIPE (SIZES AS SHOWN ON PLAN/NOTES)
 - - EXISTING PIPE
 - - DIRECTION OF FALL (1% MIN U.N.O.)
 - - PROPERTY BOUNDARY
 - ⊙ - INSPECTION RISER/CLEANING EYE (DIA. TO MATCH PIPE) WITH SCREWCAP LID
 - ⊗ 15.30 - EXISTING SPOT LEVEL
 - ⊗ 14.52 - PROPOSED SPOT LEVEL
 - ▨ - PROPOSED GRATED SURFACE INLET PIT (GSIP)
 - ⊠ - PROPOSED JUNCTION PIT (JP)
 - ← - PROPOSED OVERLAND FLOWPATH



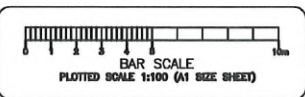
⊙ NB: PRECISE DETAILS OF ALL EXISTING SERVICES (PITS/PIPES ETC), SUCH AS DIAMETER, DEPTH, ALIGNMENTS ETC, TO BE OBTAINED ON SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. REFER ANY DISCREPANCIES TO THIS OFFICE PRIOR TO PROCEEDING.

NB: CARE MUST BE TAKEN WITHIN CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES. ADVICE FROM ARBORIST MAY BE REQUIRED IF ANY LIKELIHOOD EXISTS OF DAMAGE TO TREES; HAND EXCAVATION MAY BE NECESSARY.

THIS WORK AS EXECUTED INFORMATION HERE IN SHOWN IN RED WAS SURVEYED BY TOTAL SURVEYING SOLUTIONS
 Job No. 190 967
[Signature]
 (LD: 1083)
 REGISTERED SURVEYOR DATE 30/4/2019

WORK AS EXECUTED EXAMPLE

REVISION No.	REVISION DATE	COMMENT



PLAN SHOWING DETAIL & LEVELS OVER LOT __ IN DP __

CLIENT: XXXXXXXXXX	DATE: XXXX/XX/XX
PROJECT: PROJECT/SUBPRJ	DRAWN: XXX
ADDRESS: XXXXXXXX STREET, SUBURB	CHK: GS

JOB No.: 18xx	LGA: XXXXXXXXXX
PLAN No.: 18xx_A	DATUM: AHD
DATE: XXXX/XX/XX	SCALE: 1:100@A1
PROJECT: XXX	CONT. INTERVAL: 0.25m
CHK: GS	SHEET 1 OF 1