

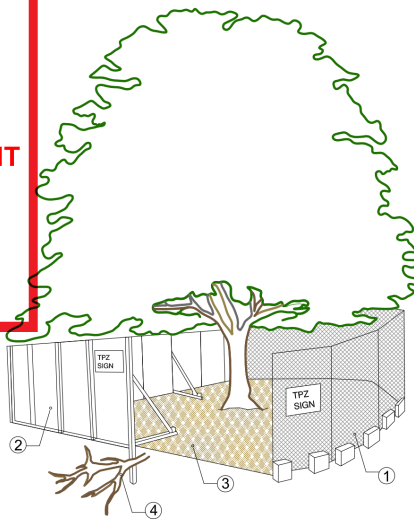
**DUST CONTROL :**  
TO REDUCE DUST GENERATED BY WIND ACTION, THE REMOVAL OF THE TOP SOIL IS TO BE MINIMISED. TO PREVENT DUST GENERATION, WATERING DOWN OF THE SITE, ESPECIALLY DURING THE MOVEMENT OF MACHINERY IS REQUIRED. WHERE EXCAVATING INTO ROCK, KEEP THE SURFACE MOIST TO MINIMISE DUST. CONSTRUCT A GRAVEL ENTRY/EXIT POINT USING BLUE METAL AND RESTRICT ALL VEHICLE MOVEMENTS WITHIN THE SITE TO A MINIMUM. ENSURE WIND BREAKS, SUCH AS EXISTING FENCES ARE MAINTAINED DURING THE CONSTRUCTION PHASE UNTIL NEW LANDSCAPING IS PROVIDED OR REINSTATED. PREVENT DUST BY COVERING STOCKPILES

**GUTTER PROTECTION :**  
PROVIDE PROTECTION TO DOWNHILL GRATE IN GUTTER BY MEANS OF SAND BAGS OR BLUE METAL WRAPPED IN GEOTEXTILE FABRIC. WHEN SOIL OR SAND BUILDS UP AROUND THIS SEDIMENT BARRIER, THE MATERIAL SHOULD BE RELOCATED BACK TO THE SITE FOR DISPOSAL.

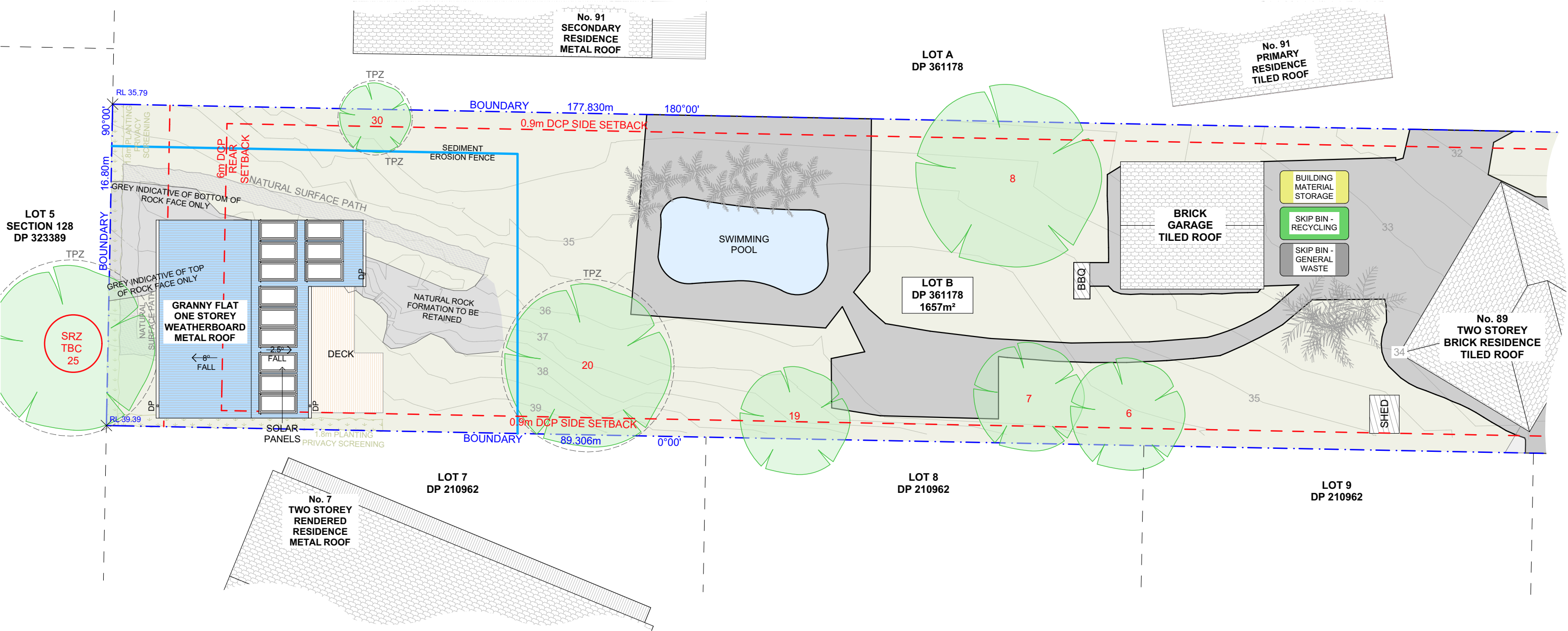
**NOTE:** ALL PROPOSED STORMWATER TO CONNECT WITH EXISTING

**SEDIMENT NOTE :**  
1. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY BY THE SITE MANAGER.  
2. MINIMISE DISTURBED AREAS, REMOVE EXCESS SOIL FROM EXCAVATED AREA AS SOON AS POSSIBLE.  
3. ALL MATERIAL STOCKPILE TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS, OR WITHIN SEDIMENT FENCE AREA.  
4. DRAINAGE TO BE CONNECTED TO STORMWATER AS SOON AS POSSIBLE. IF STORED ON SITE, IT MUST BE FILTERED BEFORE RELEASING INTO STORMWATER SYSTEM OR WATERWAYS.  
5. ROADS AND FOOTPATHS TO BE SWEEPED DAILY.

**STOCKPILES :**  
ALL STOCKPILES ARE TO BE KEPT ON-SITE WHERE POSSIBLE. ANY MATERIALS PLACED ON THE FOOTPATHS OR NATURE STRIPS REQUIRE COUNCIL PERMISSION.  
**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT DA 2019/1103**  
IF REQUIRED PROVIDE DIVERSION DRAIN & BANK AROUND STOCKPILES.



- TREE PROTECTION ZONE (TPZ):**
1. CHAIN WIRE MESH PANELS WITH SHADE CLOTH (IF REQUIRED) ATTACHED, HELD IN PLACE WITH CONCRETE FEET.
  2. ALTERNATIVE PLYWOOD OR WOODEN PALING FENCE PANELS. THE FENCING MATERIAL ALSO PREVENTS BUILDING MATERIALS OR SOIL ENTERING THE TPZ.
  3. MULCH INSTALLATION ACROSS SURFACE OF TPZ (AT THE DISCRETION OF THE PROJECT ARBORIST). NO EXCAVATION, CONSTRUCTION ACTIVITY, GRADE CHANGES, SURFACE TREATMENT OR STORAGE OF MATERIALS OF ANY KIND IS PERMITTED WITHIN THE TPZ.
  4. BRACING IS PERMISSIBLE WITHIN THE TPZ. INSTALLATION OF SUPPORTS TO AVOID DAMAGING ROOTS.



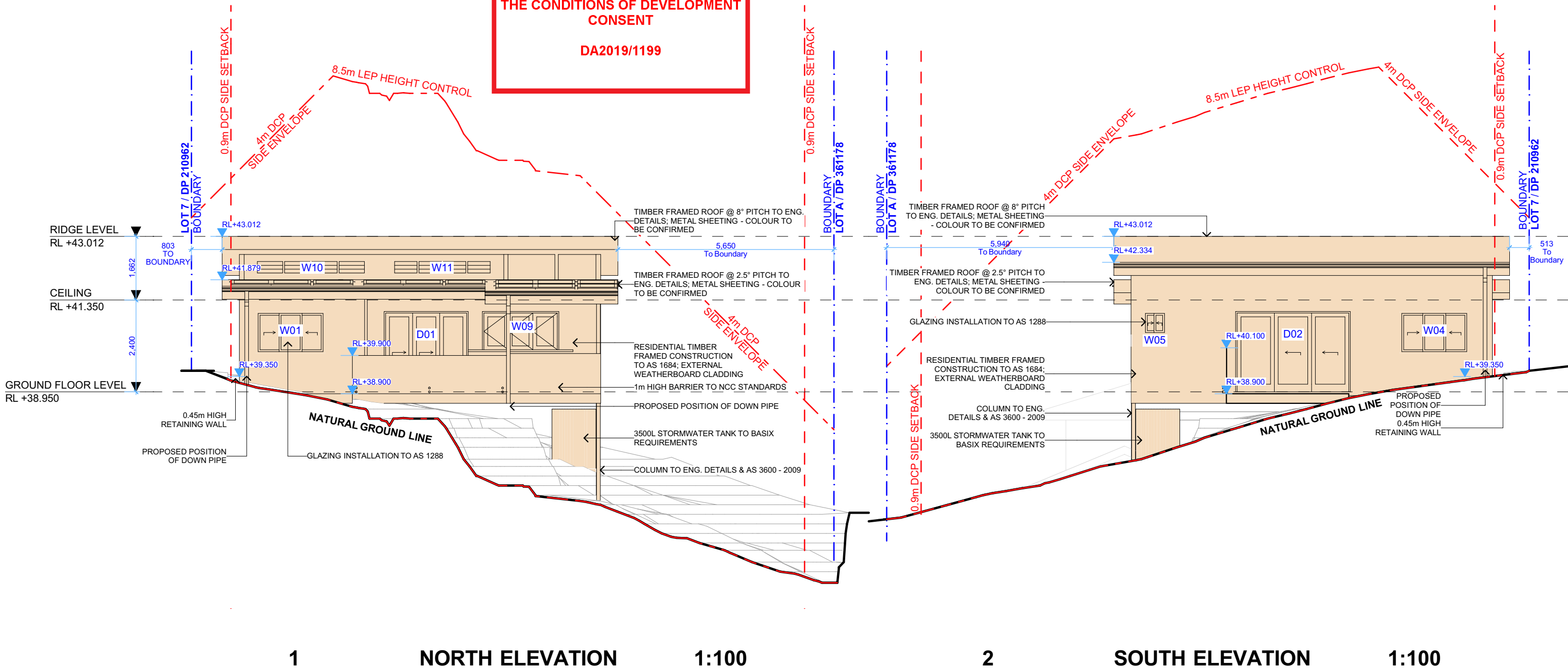
1 SITE / ROOF / SEDIMENT EROSION / WASTE MANAGEMENT / STORMWATER CONCEPT PLAN 1:200



northern  
beaches  
council

THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT

DA2019/1199



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REV.	DATE	COMMENTS	DRWN
A	06.03.19	INITIAL DESIGN PLAN	RNA
B	14.03.19	FIRST DESIGN AMENDMENT	RNA
C	25.03.19	DA REVIEW SET	AJF
D	24.09.19	SECONDARY DWELLING: UPDATE	EAS
E	18.10.19	DOCUMENTATION	SM

**NOTES**  
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The Builder/Contractor shall check and verify all levels and dimensions on site prior to commencement of any work, creation of shop drawings, or fabrication of components.  
All errors and omissions are to be verified by the Builder/Contractor and referred to the designer prior to the commencement of works.

**LEGEND**  
EXISTING  
PROPOSED  
DEMOLISHED

**CLIENT**  
TIMOTHY &  
JACQUELINE MAGUIRE  
  
**PROJECT ADDRESS**  
89 CARAWA ROAD  
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**DRAWING NO.**  
**DA05**  
  
**DATE**  
Friday, October 18,  
2019

**DRAWING NAME**  
NORTH / SOUTH ELEVATION  
  
**SCALE**  
1:100 @A3

