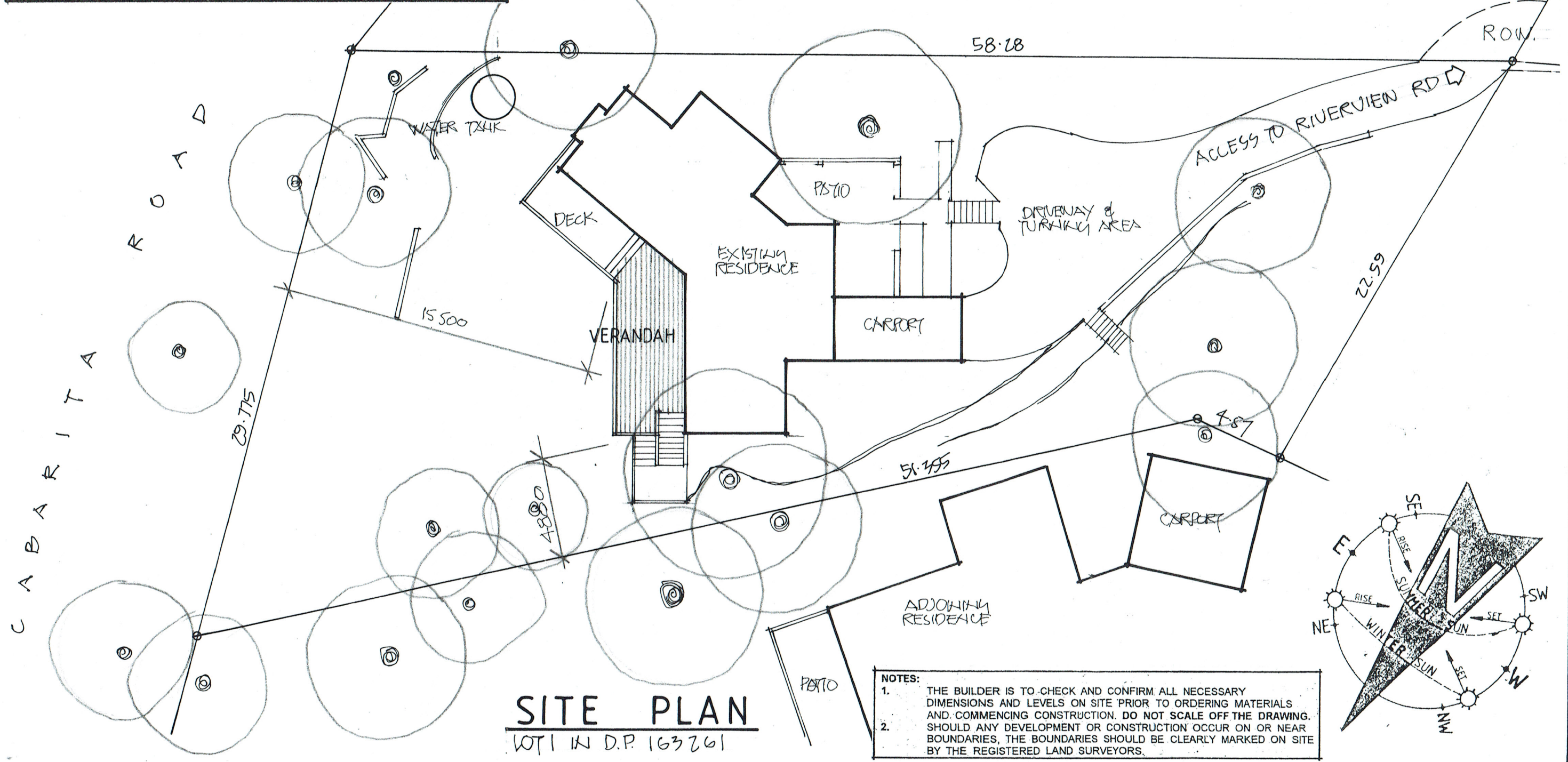


# DEVELOPMENT CALCULATIONS

|                         |                       |                 |
|-------------------------|-----------------------|-----------------|
| SITE AREA               | 1256.00 SQUARE METRES |                 |
| DESCRIPTION             | EXISTING SQM          | PROPOSED SQM    |
| FLOOR                   | 254.96                | 254.96          |
| ROOF                    | 127.48                | 127.48          |
| CARPORT                 | 20.48                 | 20.48           |
| DECK & STAIRS           | 39.30                 | 31.20           |
| VERANDAH                | —                     | 30.24           |
| DRIVEWAY & TURNING AREA | 64.35                 | 64.35           |
| PATIO                   | 33.04                 | 33.04           |
| TOTAL HARD SURFACE      | 284.65 (22.66%)       | 306.75 (24.43%) |

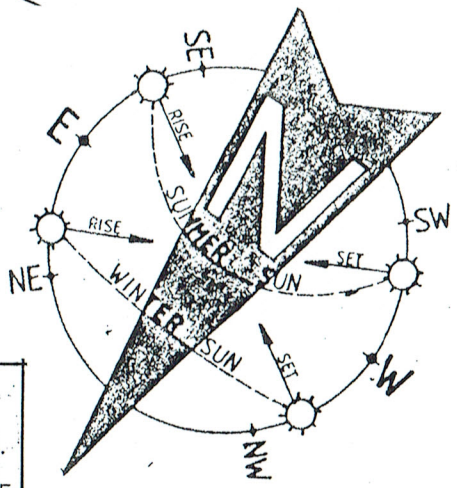


## SITE PLAN

LOT 1 IN D.P. 163261

**NOTES:**

1. THE BUILDER IS TO CHECK AND CONFIRM ALL NECESSARY DIMENSIONS AND LEVELS ON SITE PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION. DO NOT SCALE OFF THE DRAWING.
2. SHOULD ANY DEVELOPMENT OR CONSTRUCTION OCCUR ON OR NEAR BOUNDARIES, THE BOUNDARIES SHOULD BE CLEARLY MARKED ON SITE BY THE REGISTERED LAND SURVEYORS.



1. Builder to check and confirm all necessary dimensions on site prior to construction. Do not scale the drawing.  
 2. All dimensions that relate to site boundaries and easements are subject to verification by a site survey.  
 3. All work to be in accordance with BUILDING CODE OF AUSTRALIA & to the satisfaction of local council requirements & other authorities.  
 4. All timber construction to be in accordance with the "TIMBER FRAMING" code.  
 5. Any detailing in addition to what is supplied shall be resolved between the owner and the builder to the owner's approval, except for any structural details or design which is to be supplied by a Structural Engineer.  
 6. Roof water & sub-soil drainage to be disposed of in the approved manner or as directed by local council inspectors.  
 7. All electrical power & light outlets to be determined by owner.  
 8. Make good and repair all existing finishes damaged by new work. Reuse existing materials where possible.

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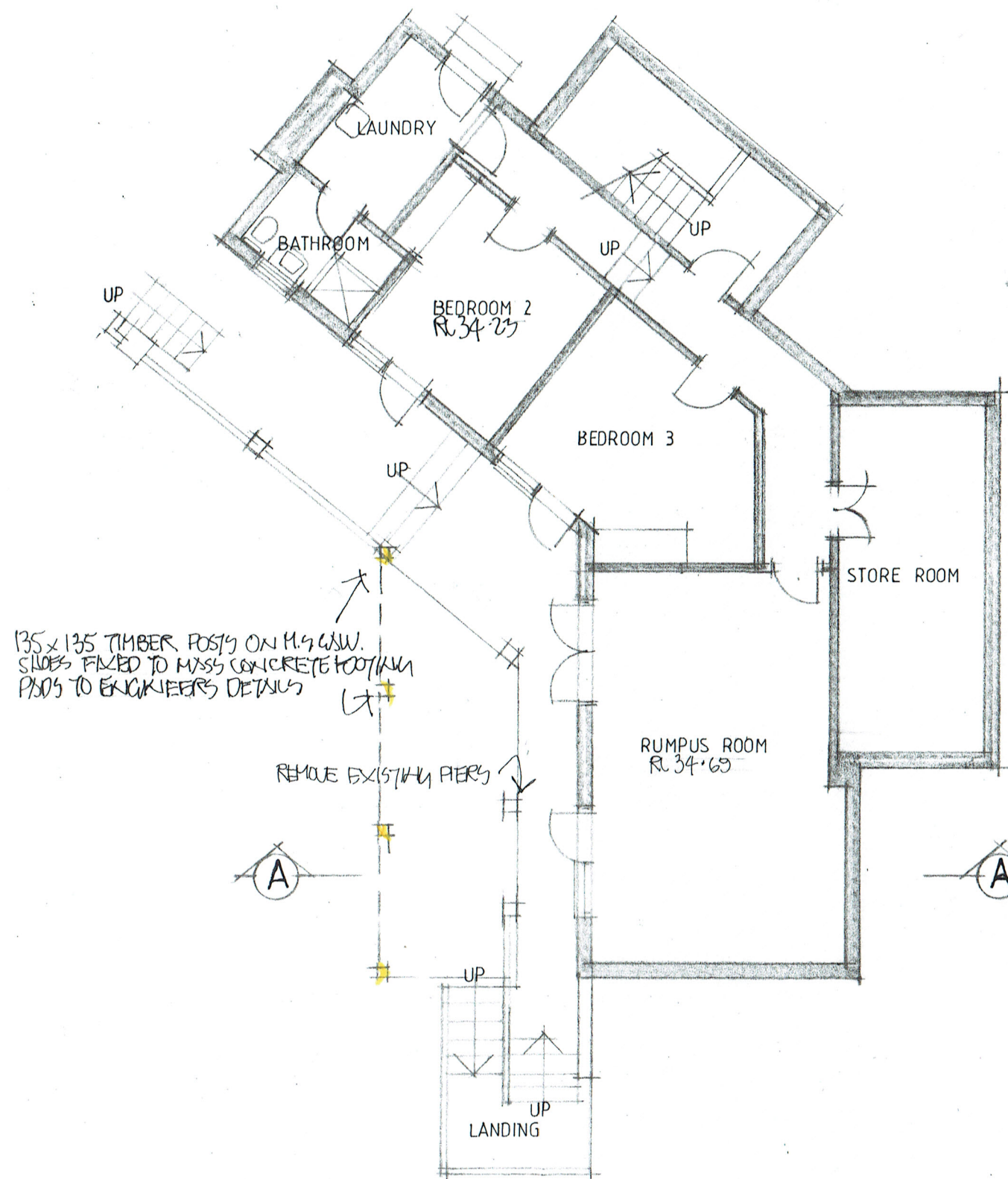
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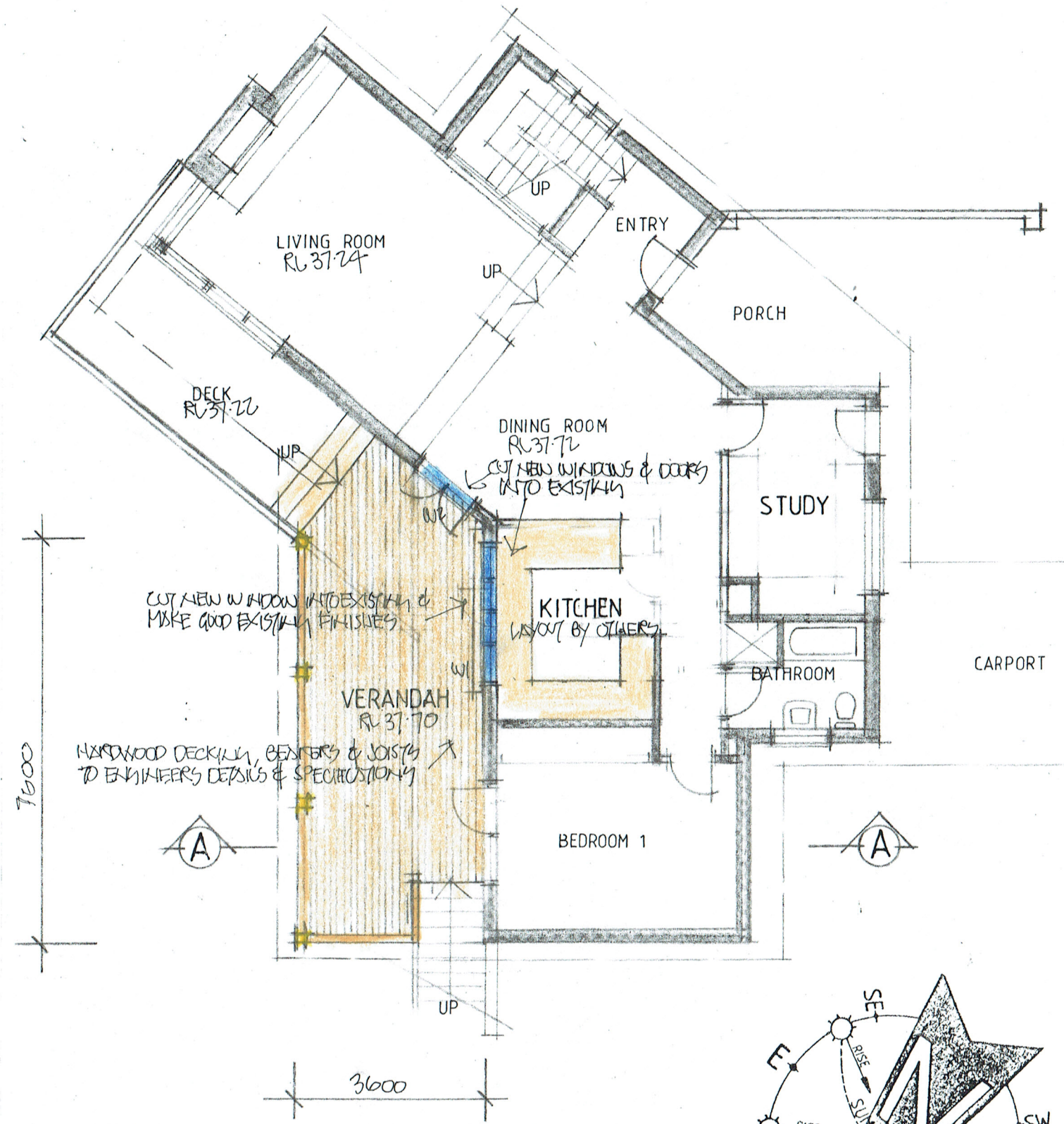
**PROJECT**  
 PROPOSED ALTERATIONS & VERANDAH  
 No. 7 CABARITA ROAD  
 (aka) 180A RIVERVIEW ROAD  
 AVALON BEACH N.S.W. 21078  
 CLIENT  
 KIM PEPPER & LISA SILVA

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| DRAWN JDE          | CHECKED     |
| DRAWING No. 2009-1 | ISSUE       |

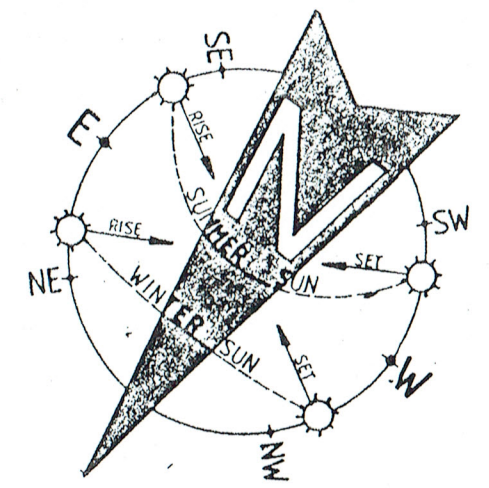




**LOWER FLOOR PLAN**



**UPPER FLOOR PLAN**



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| 2009-2          |             |



ROOF RL 40.79

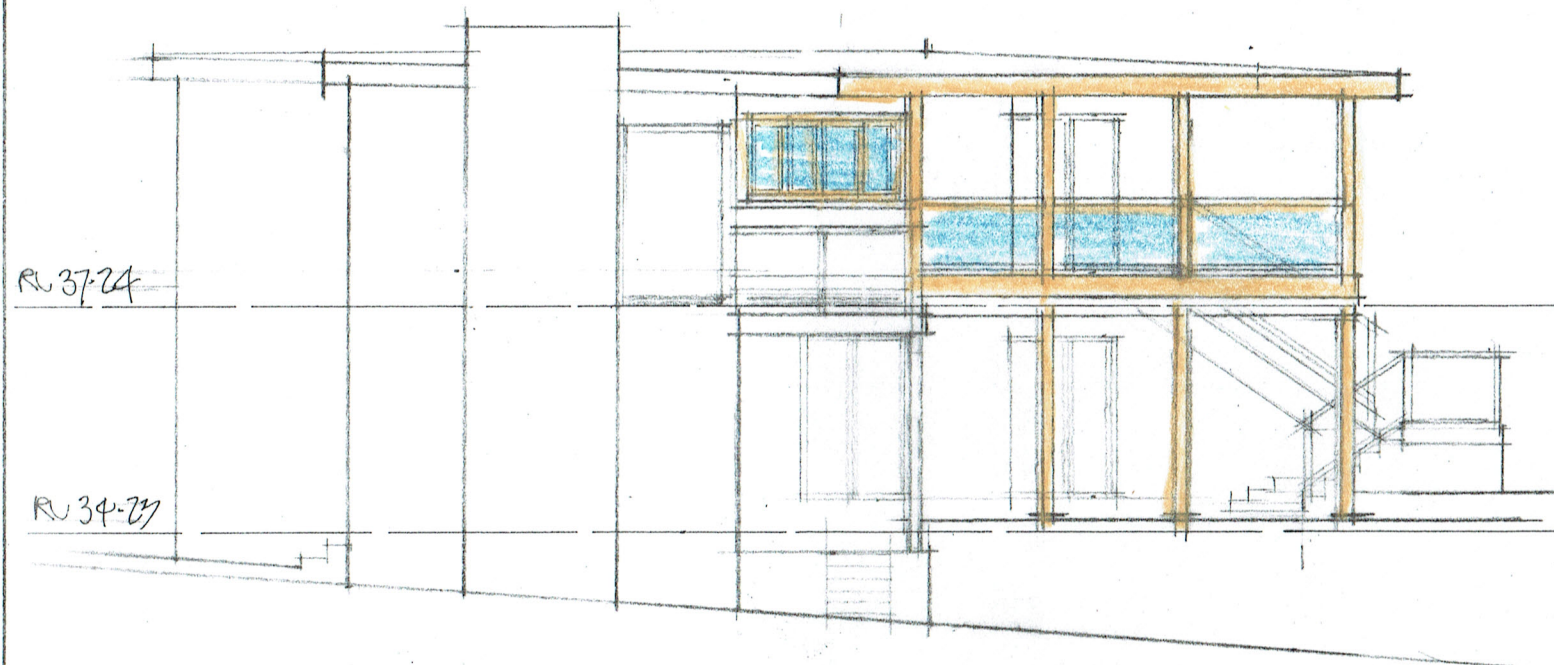
FIRST FLOOR RL 37.76

GROUND FLOOR RL 34.69

EAL 37.49

EAL 34.45

## NORTH - WEST ELEVATION



## EAST ELEVATION

EXISTING ROOFING TO TIE IN WITH  
EXISTING TO MANUFACTURER'S DETAILS

CONCEALED GUTTER TO  
MATCH EXISTING

135x135 TIMBER POSTS ON  
M.S. GALVANIZED SLICES

VERANDAH

BEDROOM 1

RUMPUS ROOM

2440

2670

## SECTION A - A

### SCHEDULE OF BASIX COMMITMENTS

#### THERMAL COMFORT COMMITMENTS CONSTRUCTION INSULATION REQUIREMENTS

1. THE PROJECT MUST BE CONSTRUCTED IN ACCORDANCE WITH ALL THERMAL PERFORMANCE SPECIFICATIONS SET OUT IN THE CERTIFICATE NUMBER A374402, AND IN ACCORDANCE WITH THOSE ASPECTS OF THE DEVELOPMENT APPLICATION WHICH WERE USED TO CALCULATE THOSE SPECIFICATIONS.

#### WINDOWS & GLAZED DOORS GLAZING REQUIREMENTS

1. THE APPLICANT MUST INSTALL THE WINDOWS, GLAZED DOORS AND SHADING DEVICES, IN ACCORDANCE WITH THE SPECIFICATIONS LISTED IN THE CERTIFICATE NUMBER A374402. RELEVANT OVERSHADOWING SPECIFICATIONS MUST BE SATISFIED FOR EACH WINDOW AND GLAZED DOOR
2. FOR PROJECTIONS DESCRIBED IN MILLIMETRES, THE LEADING EDGE OF EACH EAVE, PERGOLA, VERANDAH, BALCONY OR AWNING MUST NOT BE OR MORE THAN 500MM ABOVE THE HEAD OF A WINDOW OR HEAD OF A GLAZED DOOR & NO MORE THAN 2400MM ABOVE THE SILL.

#### ENERGY COMMITMENTS

##### LIGHTING

1. THE APPLICANT MUST HAVE A MINIMUM OF 40% OF NEW AND ALTERED LIGHT FIXTURES ARE FITTED WITH FLUORESCENT, COMPACT FLUORESCENT, OR LIGHT-EMITTING-DIODE (LED) LAMPS.

##### VENTILATION

1. THE APPLICANT MUST HAVE INSTALLED THE FOLLOWING EXHAUST SYSTEM:
  - a. KITCHEN: INDIVIDUAL FAN, NOT DUCTED; OPERATION CONTROL: MANUAL SWITCH ON/OFF.

##### NATURAL LIGHTING

1. THE DEVELOPMENT MUST HAVE A WINDOW IN THE KITCHEN FOR NATURAL VENTILATION.
2. THE DEVELOPMENT MUST HAVE A WINDOW IN ALL BATHROOMS AND TOILETS FOR NATURAL VENTILATION.

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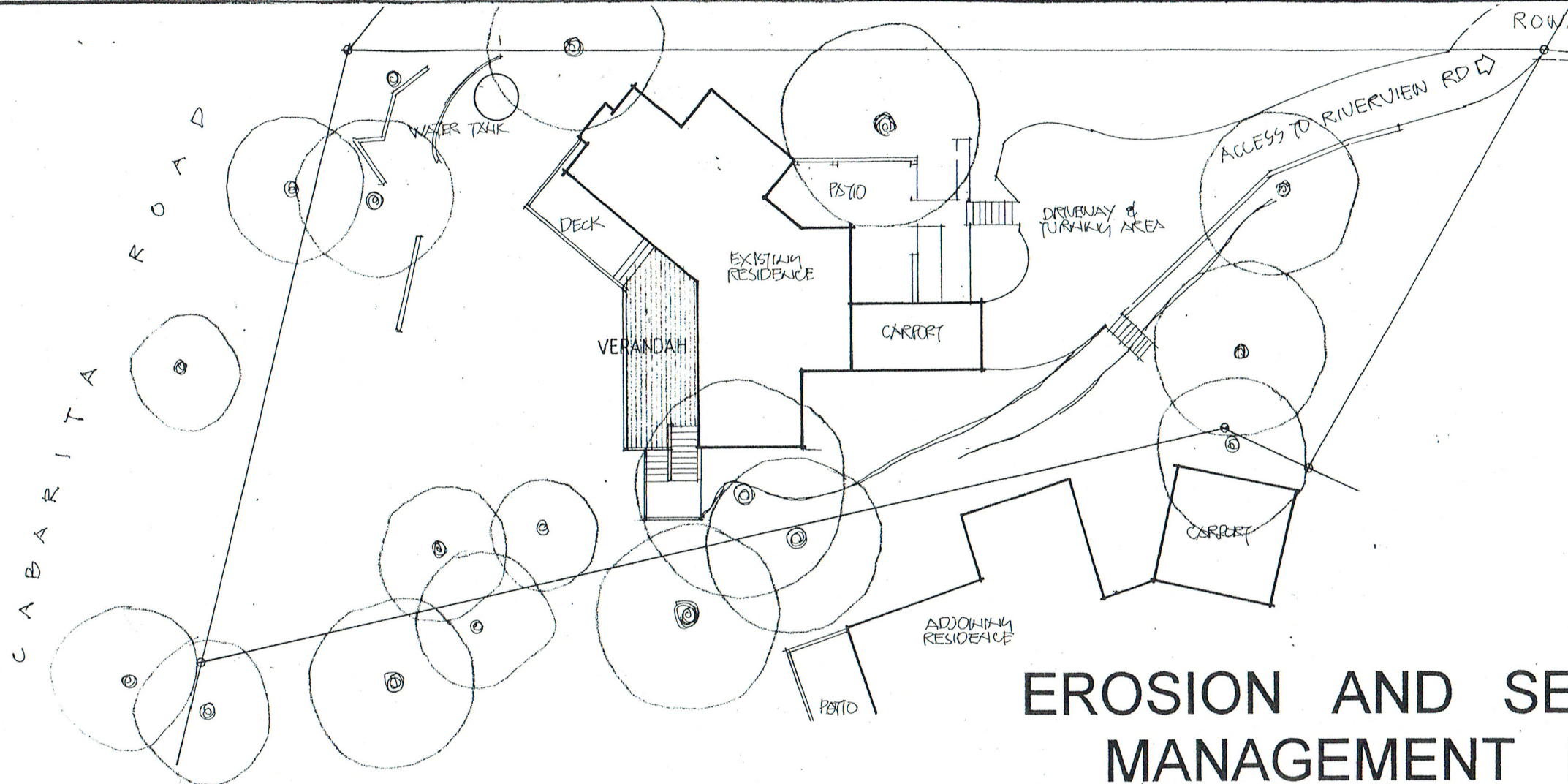
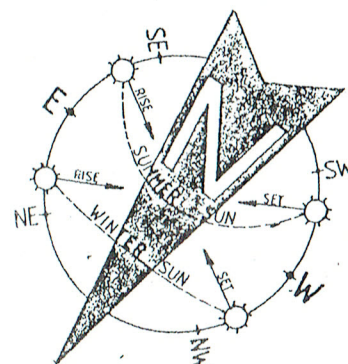


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AVALON BEACH N.S.W. 21078  
CLIENT  
**KIM PEPPER & LISA SILVA**

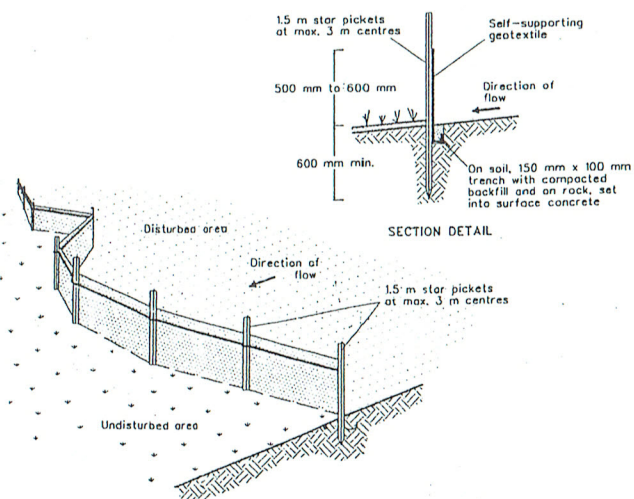
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| DRAWING No.     | ISSUE       |
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# EROSION AND SEDIMENT MANAGEMENT PLAN

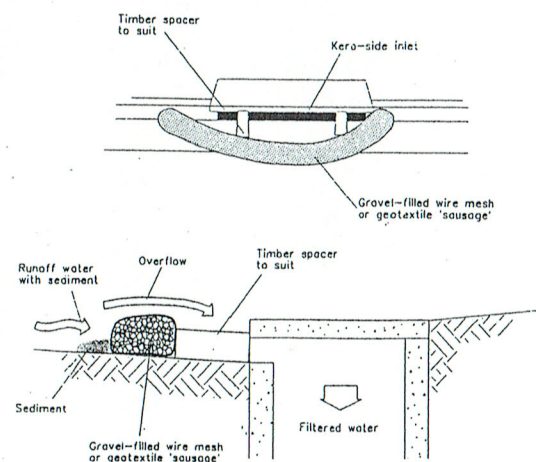
## SEDIMENT FENCE



### CONSTRUCTION NOTES

1. CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE TO PARALLEL TO THE CONTOURS OF THE SITE.
2. DRIVE 1.5 METRE LONG STAR PICKETS INTO GROUND, 3.0 METRES APART.
3. DIG A 150MM DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE. FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
4. BACKFILL TRENCH OVER BASE OF FABRIC.
5. FIX SELF-SUPPORTING GEOTEXTILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXTILE MANUFACTURER.
6. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150MM OVERLAP.

## MESH AND GRAVEL INLET FILTER

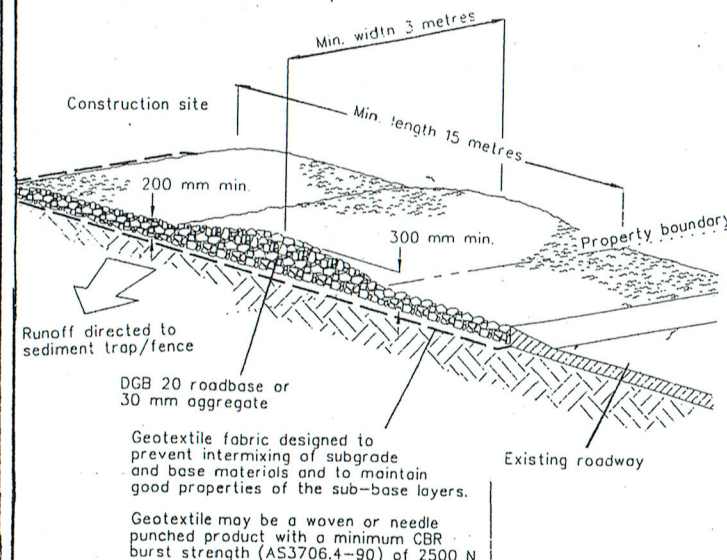


NOTE: This practice only to be used where specified in an approved SWMP/ESCP.

### CONSTRUCTION NOTES

1. FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT.
2. FILL THE SLEEVE WITH 25MM TO 50MM GRAVEL.
3. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150MM HIGH X 400MM WIDE.
4. PLACE THE FILTER AT THE OPENING OF THE KERB INLET LEAVING A 100MM GAP AT THE TOP TO ACT AS AN EMERGENCY SPILLWAY.
5. MAINTAIN THE OPENING WITH SPACER BLOCKS.
6. FORM A SEAL WITH THE KERBING AND PREVENT SEDIMENT BYPASSING THE FILTER.
7. FIT TO ALL KERB INLETS AT SAG POINTS

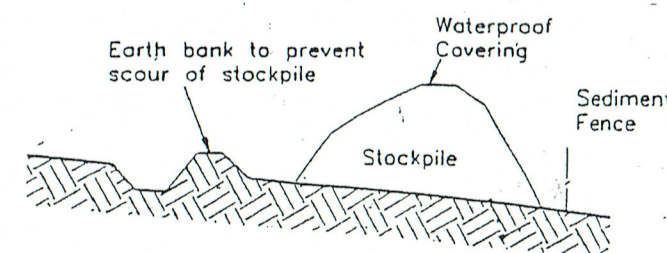
## STABILISED SITE ACCESS



### CONSTRUCTION NOTES

1. STRIP TOPSOIL AND LEVEL SITE.
2. COMPACT SUBGRADE.
3. COVER AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
4. CONSTRUCT 200MM THICK PAD OVER GEOTEXTILE USING ROADBASE OR 30MM AGGREGATE. MINIMUM LENGTH 15 METRES OR TO BUILDING ALIGNMENT. MINIMUM WIDTH 3 METRES.
5. CONSTRUCT HUMP IMMEDIATELY WITHIN THE BOUNDARY TO DIVERT WATER TO A SEDIMENT FENCE OF OTHER SEDIMENT TRAP.

## BUILDING MATERIAL STOCKPILES DETAIL



## CERTIFICATION

I JOHN EVANS MEMBER No. 365-96 OF THE BUILDING DESIGNERS ASSOCIATION OF N. S. W. INC, HEREBY CERTIFY THAT THIS DRAWING HAS BEEN DESIGNED IN WITH THE REQUIREMENTS OF THE N. S. W. DEPARTMENT OF LAND AND WATER CONSERVATION'S "URBAN EROSION AND SEIMENT CONTROL" MANUAL.

Signed

Date

16/03/20

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AVALON BEACH N. S. W. 21078  
CLIENT  
KIM PEPPER & LISA SILVA

DATE 16/03/2020

DRAWN JDE

SCALE

CHECKED

DRAWING No.

2009-4

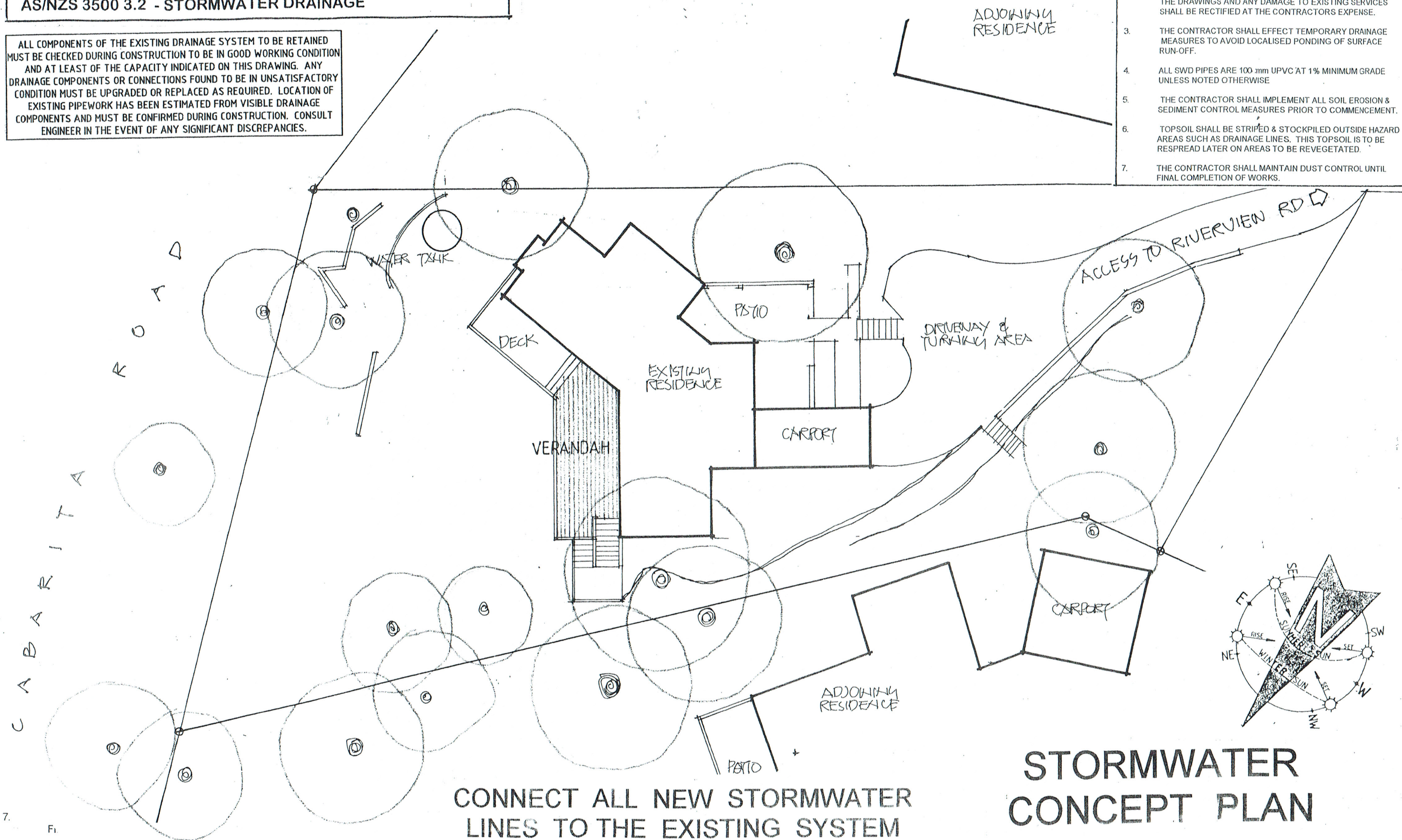
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**NOTE:**  
**ALL DRAINAGE WORKS TO BE DESIGNED AND IMPLEMENTED**  
**IN ACCORDANCE WITH THE REQUIREMENTS OF**  
**Section 3.1.2 OF THE BUILDING CODE OF AUSTRALIA AND**  
**AS/NZS 3500 3.2 - STORMWATER DRAINAGE**

ALL COMPONENTS OF THE EXISTING DRAINAGE SYSTEM TO BE RETAINED  
MUST BE CHECKED DURING CONSTRUCTION TO BE IN GOOD WORKING CONDITION  
AND AT LEAST OF THE CAPACITY INDICATED ON THIS DRAWING. ANY  
DRAINAGE COMPONENTS OR CONNECTIONS FOUND TO BE IN UNSATISFACTORY  
CONDITION MUST BE UPGRADED OR REPLACED AS REQUIRED. LOCATION OF  
EXISTING PIPEWORK HAS BEEN ESTIMATED FROM VISIBLE DRAINAGE  
COMPONENTS AND MUST BE CONFIRMED DURING CONSTRUCTION. CONSULT  
ENGINEER IN THE EVENT OF ANY SIGNIFICANT DISCREPANCIES.

- NOTES :**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL DRAWINGS AND THE SPECIFICATION.
  2. PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR SHALL SATISFY THEMSELVES OF THE CORRECT LOCATION OF EXISTING SERVICES WHETHER INDICATED OR NOT ON THE DRAWINGS AND ANY DAMAGE TO EXISTING SERVICES SHALL BE RECTIFIED AT THE CONTRACTORS EXPENSE.
  3. THE CONTRACTOR SHALL EFFECT TEMPORARY DRAINAGE MEASURES TO AVOID LOCALISED PONDING OF SURFACE RUN-OFF.
  4. ALL SWD PIPES ARE 100 mm UPVC AT 1% MINIMUM GRADE UNLESS NOTED OTHERWISE
  5. THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION & SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT.
  6. TOPSOIL SHALL BE STRIPED & STOCKPILED OUTSIDE HAZARD AREAS SUCH AS DRAINAGE LINES. THIS TOPSOIL IS TO BE RESPREAD LATER ON AREAS TO BE REVEGETATED.
  7. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL UNTIL FINAL COMPLETION OF WORKS.



**CONNECT ALL NEW STORMWATER**  
**LINES TO THE EXISTING SYSTEM**

## STORMWATER CONCEPT PLAN

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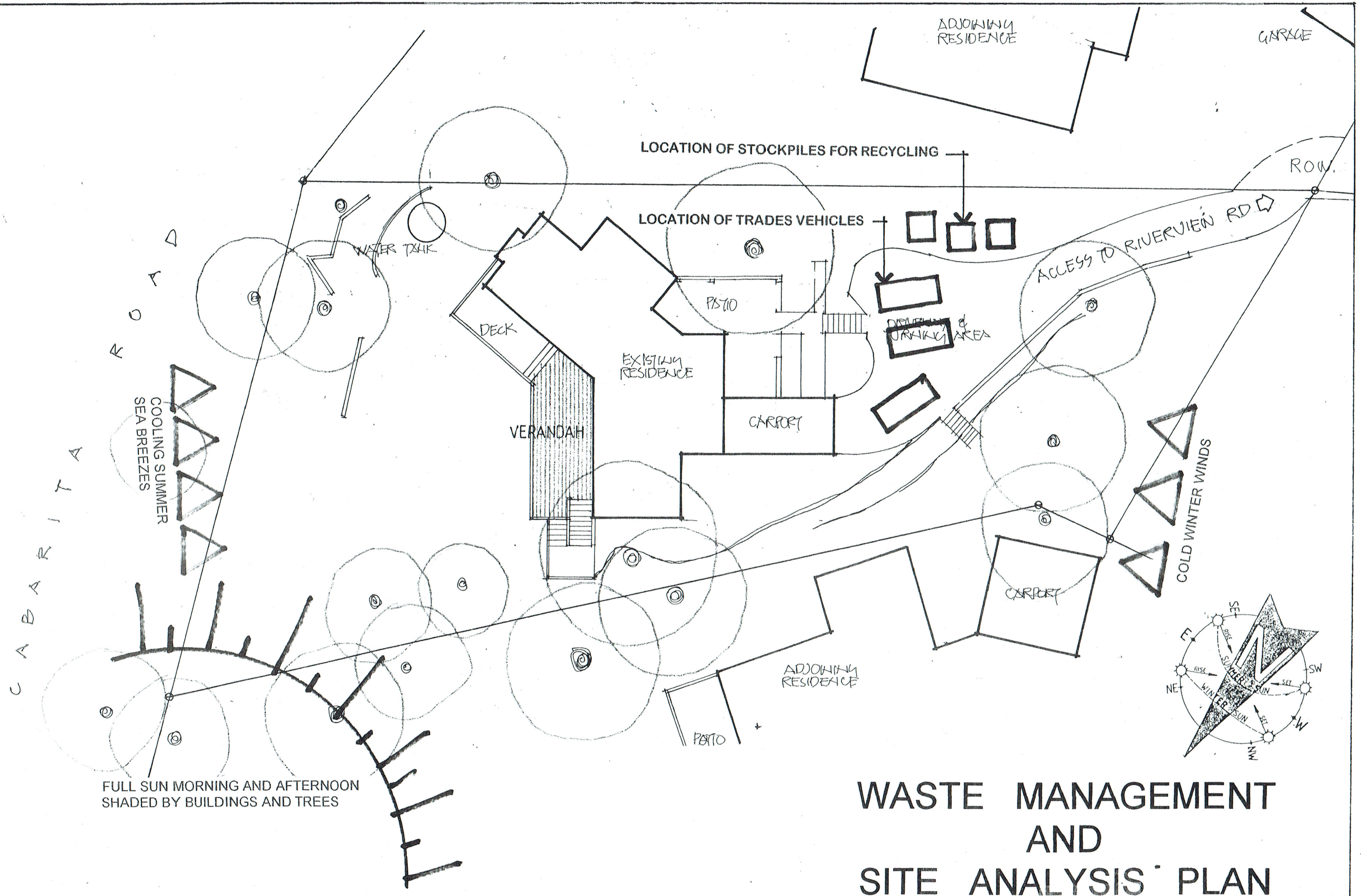


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|--------------------|-------------|
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| DRAWING No. 2009-5 | ISSUE       |





# WASTE MANAGEMENT AND SITE ANALYSIS PLAN

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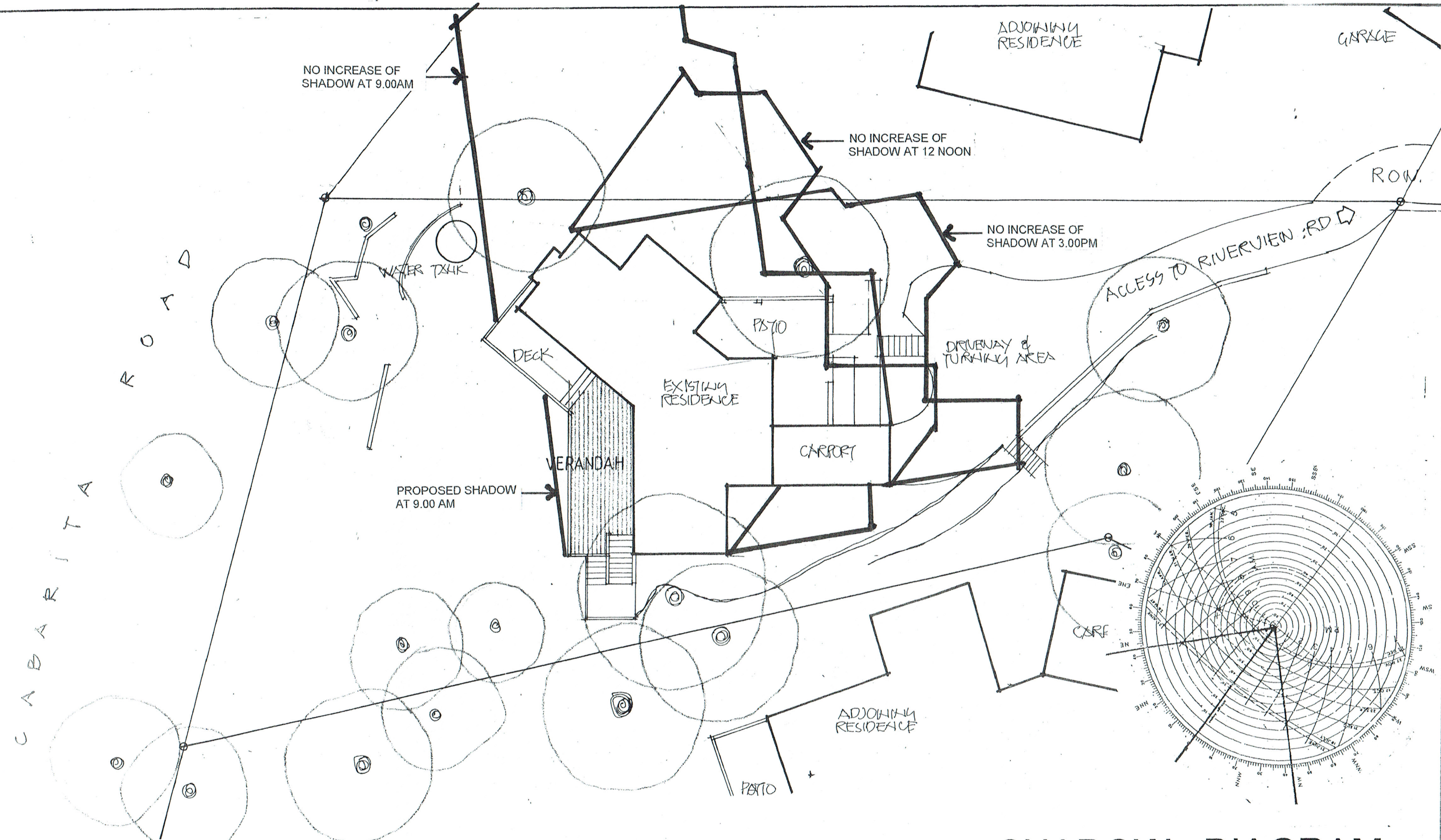


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SHADOW DIAGRAM  
JUNE 21  
SCALE 1 : 200

**SHADOW CERTIFICATION**

I JOHN EVANS SENIOR BUILDING DESIGNER OF J.D. EVANS & COMPANY PTY LIMITED  
EST. 1978, HEREBY CERTIFY THAT THE SHADOW DIAGRAMS ARE ACCURATE  
Signed *[Signature]* Date 16/03/2020

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