

VERIFIER: C. SMITH

JOB MANAGER: A. KNIGHT

DESIGNED: A. KNIGHT

DRAWN: A. KNIGHT

- LEGEND**
- DENOTES SITE BOUNDARY.
  - DENOTES CUT OFF SWALE.
  - DENOTES CLEAN WATER DIVERSION SWALE.
  - DENOTES SEDIMENT CONTROL FENCE.
  - DENOTES STAKED BALES.
  - DENOTES STABILISED SITE ACCESS.
  - DENOTES PROPOSED STORMWATER PIT.
  - DENOTES PROPOSED STOCKPILE LOCATION.

**SEDIMENT & EROSION CONTROL NOTES**

1. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH RELEVANT ORDINANCES AND REGULATIONS; NOTE IN PARTICULAR THE REQUIREMENTS OF LANDCOM'S MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION (THE 'BLUE BOOK').
2. INSTALL SEDIMENT PROTECTION FILTERS ON ALL NEW AND EXISTING STORMWATER INLET PITS IN ACCORDANCE WITH EITHER THE MESH AND GRAVEL INLET FILTER DETAIL SD6-11 OR THE GEOTEXTILE INLET FILTER DETAIL SD6-12 OF THE 'BLUE BOOK'.
3. ESTABLISH ALL REQUIRED SEDIMENT FENCES IN ACCORDANCE WITH DETAIL SD6-8 OF THE 'BLUE BOOK'.
4. INSTALL SEDIMENT FENCING AROUND INDIVIDUAL BUILDING ZONES/AREAS AS REQUIRED AND AS DIRECTED BY THE SUPERINTENDENT.
5. ALL TRENCHES INCLUDING ALL SERVICE TRENCHES AND SWALE EXCAVATION SHALL BE SIDE-CAST TO THE HIGH SIDE AND CLOSED AT THE END OF EACH DAY'S WORK.
6. THE CONTRACTOR SHALL ENSURE THAT ALL VEGETATION (TREE, SHRUB & GROUND COVER) WHICH IS TO BE RETAINED SHALL BE PROTECTED DURING THE DURATION OF CONSTRUCTION. REFER ARCHITECT'S PLANS FOR TREES TO BE KEPT.
7. ALL VEGETATION TO BE REMOVED SHALL BE MULCHED ONSITE AND SPREAD/STOCKPILED AS DIRECTED BY THE SUPERINTENDENT.
8. STRIP TOPSOIL IN AREAS DESIGNATED FOR STRIPPING AND STOCKPILE FOR RE-USE AS REQUIRED. ANY SURPLUS MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH EPA GUIDELINES.
9. CONSTRUCT AND MAINTAIN ALL MATERIAL STOCKPILES IN ACCORDANCE WITH DETAIL SD4-1 OF THE 'BLUE BOOK' (INCLUDING CUT-OFF SWALES TO THE HIGH SIDE AND SEDIMENT FENCES TO THE LOW SIDE).
10. ENSURE STOCKPILES DO NOT EXCEED 2.0m HIGH. PROVIDE WIND AND RAIN EROSION PROTECTION AS REQUIRED IN ACCORDANCE WITH THE 'BLUE BOOK'.
11. PROVIDE WATER TRUCKS OR SPRINKLER DEVICES DURING CONSTRUCTION AS REQUIRED TO SUPPRESS DUST.

12. ONCE CUT/FILL OPERATIONS HAVE BEEN FINALIZED ALL DISTURBED AREAS THAT ARE NOT BEING WORKED ON SHALL BE RE-VEGETATED AS SOON AS IS PRACTICAL.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING A DETAILED WRITTEN RECORD OF ALL EROSION & SEDIMENT CONTROLS ON-SITE DURING THE CONSTRUCTION PERIOD. THIS RECORD SHALL BE UPDATED ON A DAILY BASIS & SHALL CONTAIN DETAILS ON THE CONDITION OF CONTROLS AND ANY/ ALL MAINTENANCE, CLEANING & BREACHES. THIS RECORD SHALL BE KEPT ON-SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE FOR INSPECTION BY THE PRINCIPAL CERTIFYING AUTHORITY AND THE SUPERINTENDENT DURING NORMAL WORKING HOURS.
14. WATER CAPTURED WITHIN THE SEDIMENT BASIN DURING CONSTRUCTION SHALL BE FLOCCULATED AND SETTLED BEFORE DISCHARGING TO THE CREEK AS SHOWN ON PLAN. THE DISCHARGE OF WATER SHALL OCCUR ONLY WHEN THE SUSPENDED SOLIDS (SS) CONCENTRATION DROPS BELOW 50mg/L. TESTING OF SS CONCENTRATION SHALL BE UNDERTAKEN PRIOR TO DISCHARGE WITH DISCHARGE AND TESTING BEING CONDUCTED IN ACCORDANCE WITH APPENDIX E OF THE 'BLUE BOOK'. PROVIDE PUMPING EQUIPMENT TO DISCHARGE WATER AS NECESSARY.

**CONSTRUCTION SEQUENCE**

- INSTALL STABILISED SITE ACCESS.
- INSTALL CLEAN WATER PUSH BACK BERM.
- INSTALL SAND BAG OR GEOTEXTILE SOCK & SEDIMENT CONTROL FENCES.
- CONSTRUCT DRAINAGE EASEMENT INFRASTRUCTURE AND CONNECT CLEAN WATER RUN-OFF.
- UNDERTAKE ROAD & BUILDING CONSTRUCTION
- REMOVE SEDIMENT CONTROLS ONCE SITE IS STABILISED

**NOT FOR CONSTRUCTION**

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	ISSUED FOR DA	AK	CS	AK	25.01.2018	

**aveo**  
Retirement Living

ARCHITECT **JACKSON TEECE**

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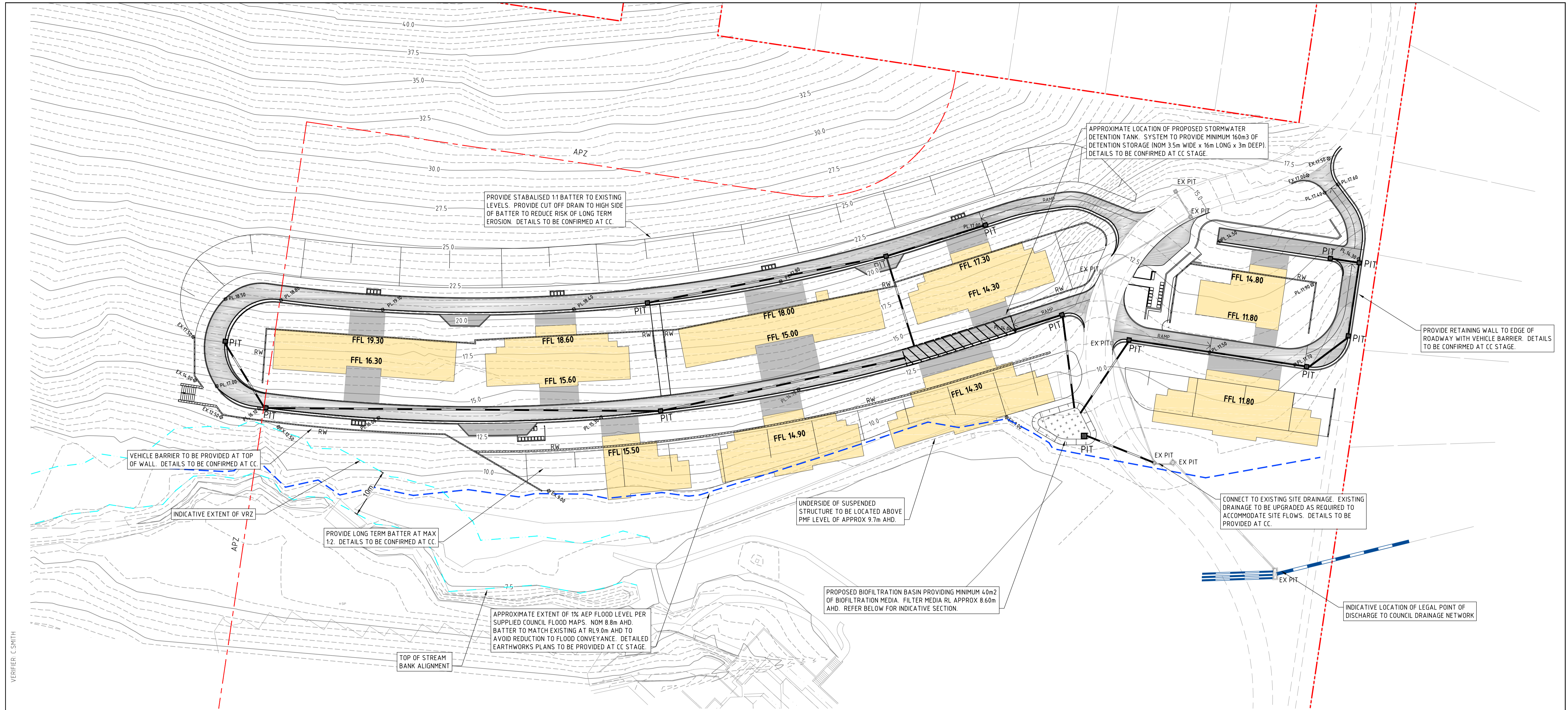
PROJECT **AVEO PENINSULA GARDENS**  
79 CABBAGE TREE ROAD  
BAYVIEW NSW 2104

DRAWING TITLE **CONCEPT SEDIMENT AND EROSION CONTROL PLAN**

JOB NUMBER **NL171426**

DRAWING NUMBER **C01DA** REVISION **A**

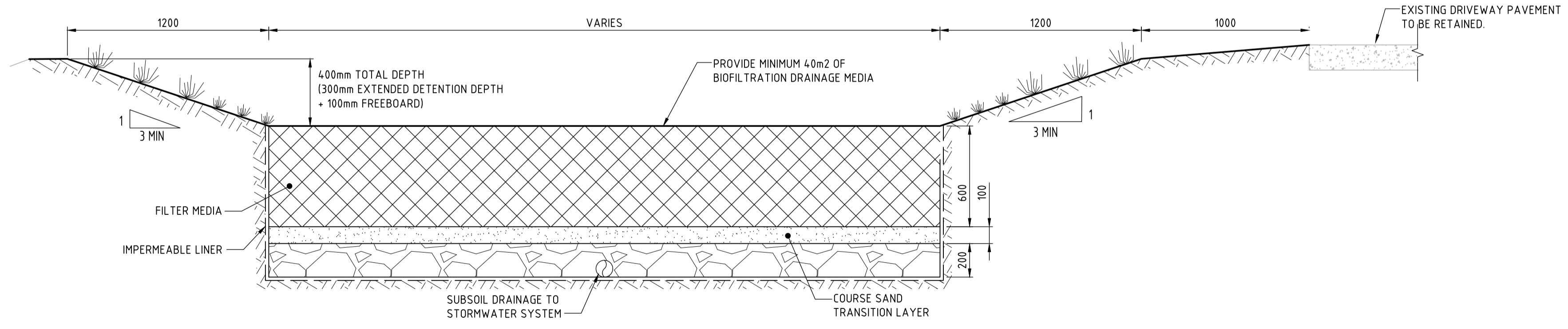
DRAWING SHEET SIZE = A1



- LEGEND**
- DENOTES SITE BOUNDARY
  - DENOTES PROPOSED STORMWATER PIT. DETAILS & PIT SCHEDULE TO BE PROVIDED AT CC STAGE.
  - DENOTES EXISTING STORMWATER PIT.
  - DENOTES PROPOSED STORMWATER DRAINAGE PIPE.
  - FFL 17.53** DENOTES PROPOSED FINISHED FLOOR LEVEL.
  - DENOTES PROPOSED FINISHED SURFACE LEVEL.
  - DENOTES PROPOSED DIRECTION OF FALL IN FINISHED SURFACE.
  - DENOTES PROPOSED RETAINING WALL. DETAILS TO BE PROVIDED AT CC STAGE.
  - DENOTES PROPOSED CUT OFF LANDSCAPED SWALE.

**NOTE:**

- ALL UNITS TO BE FITTED WITH MIN 3kl RAINWATER HARVESTING TANKS.
- ALL PITS COLLECTING RUNOFF FROM THE PROPOSED ROADWAY SHALL BE FITTED WITH STORMWATER 360 ENVIROPOD FILTERS (OR APPROVED EQUIVALENT) REFER TO NL171426.B01 FOR STORMWATER MANAGEMENT STRATEGY.



**TYPICAL BIO-FILTRATION BASIN DETAIL**

- NOTES:**
- BIOFILTRATION MEDIA - 600mm DEPTH COMPRISING A SANDY LOAM WITH A SATURATED HYDRAULIC CONDUCTIVITY OF 200mm/hr. THE FILTER MATERIAL MUST HAVE A TN CONTENT OF <math>-800\text{mg/kg}</math>, <math>-5\%</math> ORGANIC MATERIAL & <math>-55\text{mg/kg}</math> OF ORTHOPHOSPHATE CONTENT.
  - TRANSITION LAYER - 100mm DEPTH COMPRISING CLEAN WELL GRADED MEDIUM TO COARSE SAND WITH MINIMAL FINES.
  - DRAINAGE LAYER - 200mm DEPTH COMPRISING 5mm GRAVEL.
  - AN IMPERMEABLE LINER IS TO BE APPLIED TO BOTH SIDES & THE BASE OF THE BIOFILTRATION BASIN.
  - THE SUBSOIL DRAINAGE IS TO DISCHARGE TO THE PROPOSED PIT & PIPE NETWORK.

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A	ISSUED FOR DA	AK	CS	AK	19.01.2018	

**aveo**  
Retirement Living

**JACKSON TEECE**

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PLANS 1:400  
DETAILS 1:20

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79 CABBAGE TREE ROAD  
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**DRAWING TITLE**

**CONCEPT STORMWATER MANAGEMENT PLAN**

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