

DOCUMENTS ARE NOT TO BE DISTRIBUTED OR SHARED WITH OTHER PARTIES WITHOUT THE PRIOR CONSENT OF THE ARCHITECT.

Standards for BAL FZ.



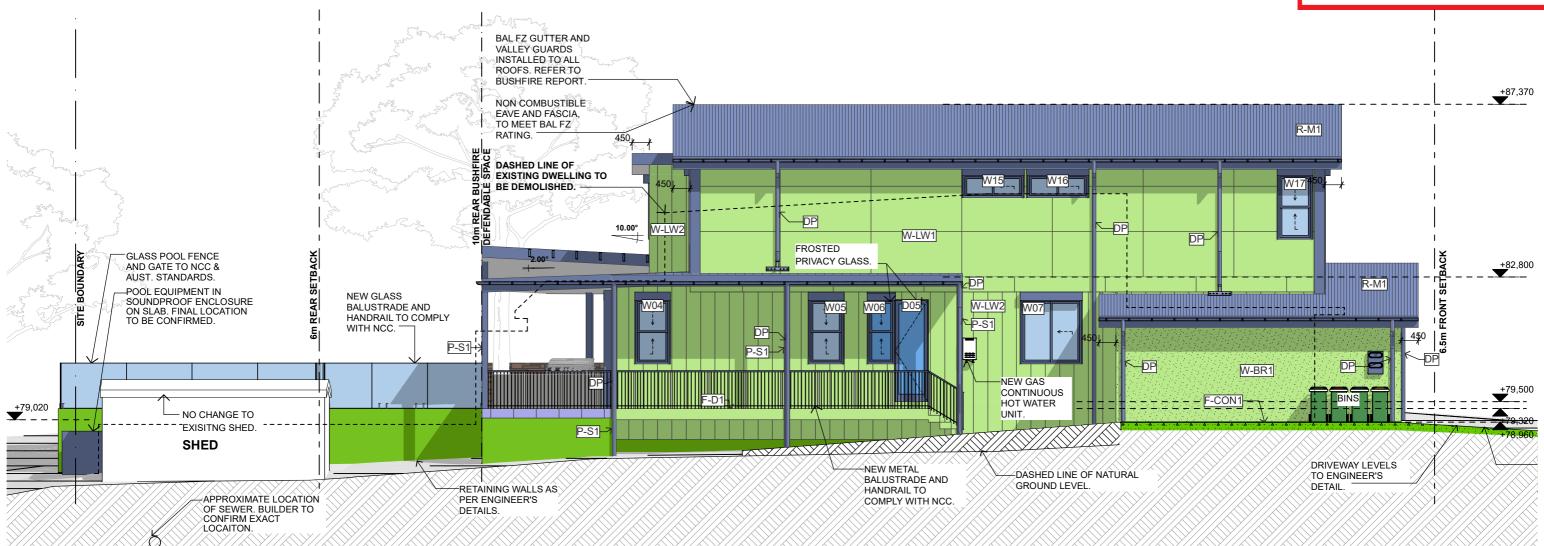
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CLIENT:

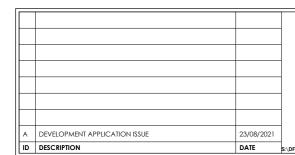
YVONNE AND MARK WEST

DFA2011-A14









DEVELOPMENT APPLICATION ISSUE

CONFIDENTIAL DOCUMENTS ARE NOT TO BE DISTRIBUTED OR SHARED WITH OTHER PARTIES WITHOUT THE PRIOR CONSENT OF THE ARCHITECT.

Refer to bushfire assessment report and Australian Standards for BAL FZ.



Architect - Catherine Seeto - Reg. 8345 14 Cook Street, Forestville 2087 NSW T: 0421 846 288 E: studio@dfarch.com.au

www.dragonflyarchitects.com.a SCALE: 1:100 @ A3 DATE PRINTED 23/08/2021

ELEVATION E4

5 CULLEN STREET FORESTVILLE

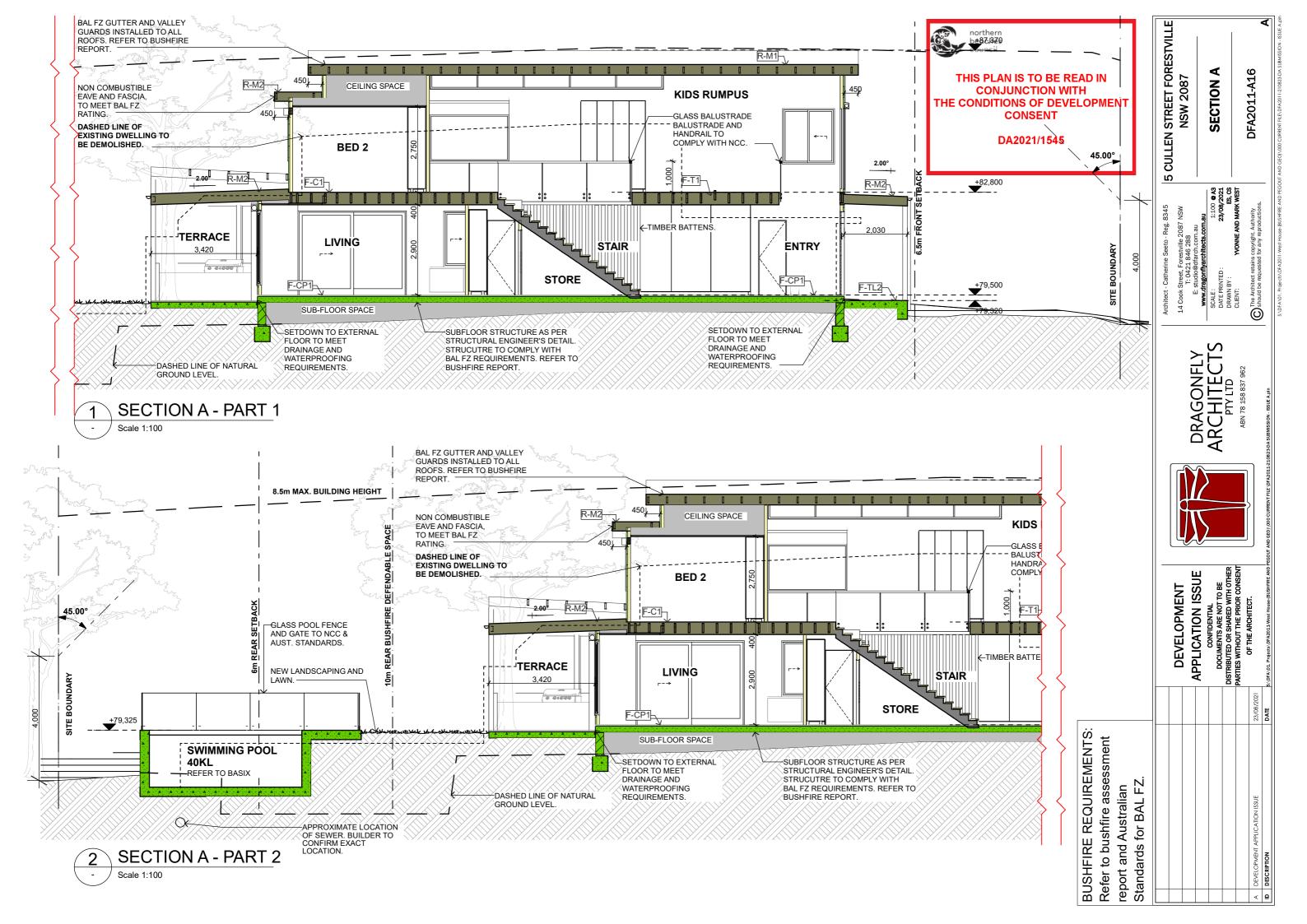
NSW 2087

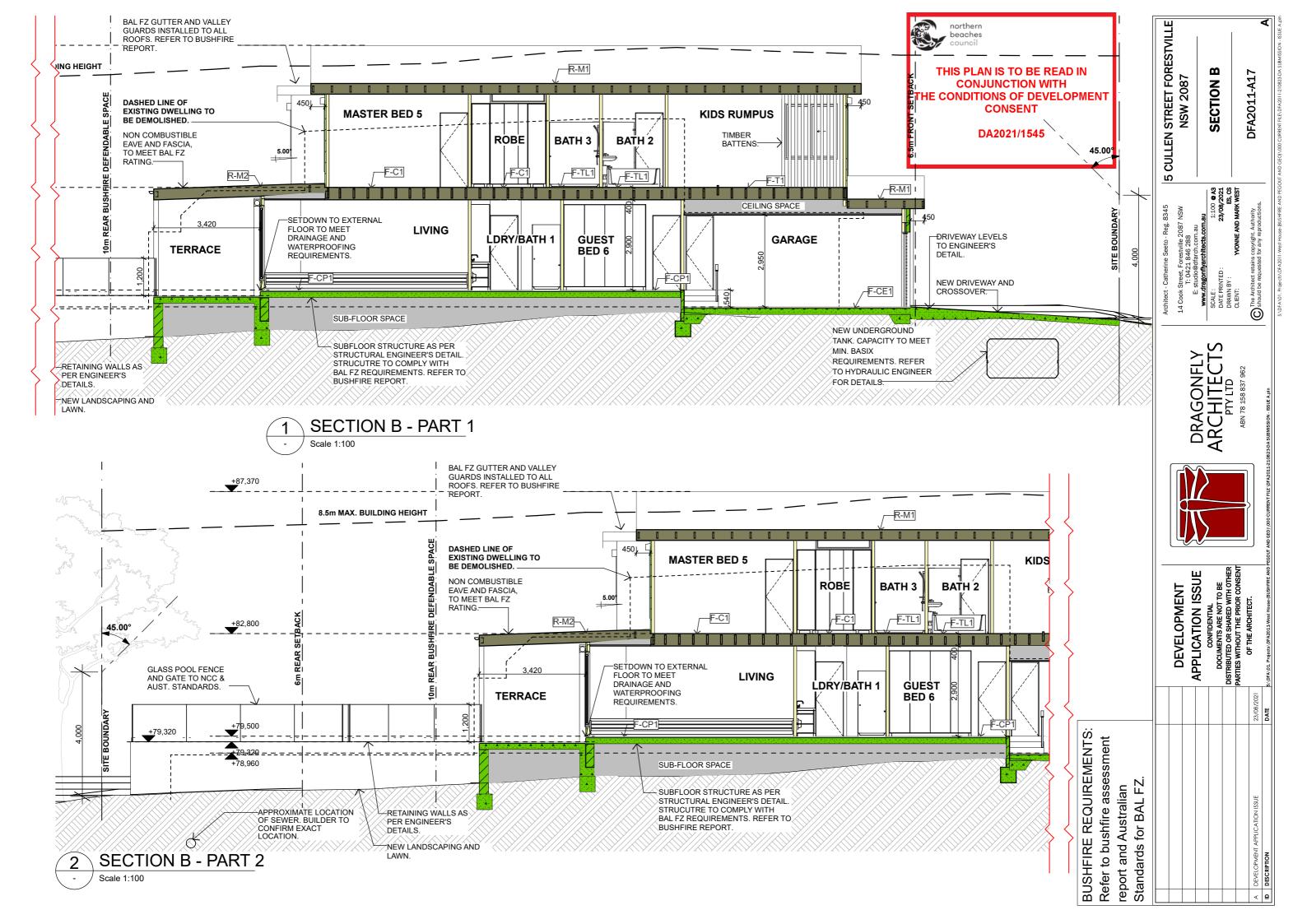
DFA2011-A15

BUSHFIRE REQUIREMENTS:

CLIENT: YVONNE AND MARK WEST

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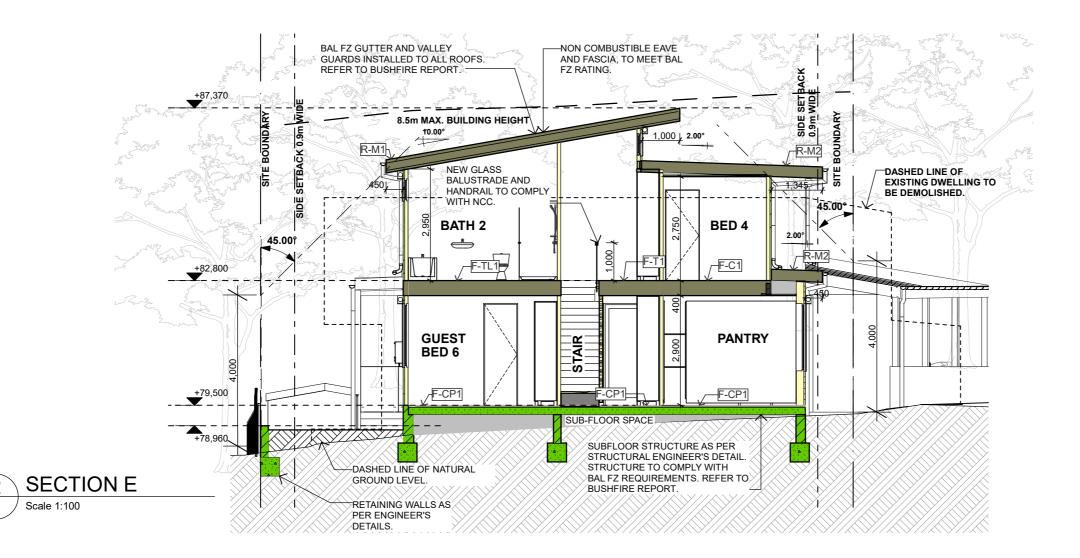






SIDE SETBACK0.9m WIDE NON COMBUSTIBLE BAL FZ GUTTER AND VALLEY GUARDS INSTALLED TO ALL ROOFS. REFER TO BUSHFIRE REPORT. EAVE AND FASCIA, TO MEET BAL FZ +87,370 _8.5m MAX. BUILDING HEIGHT SETBACK0.9mWIDE 10.00° 1,000 } R-M1 DASHED LINE OF EXISTING DWELLING TO BE DEMOLISHED. 450 45.00° SIDE **KIDS RUMPUS** 45.00ใ 1,000 R-M2 F-T1 +82,800 CEILING SPACE NEW 5,000L WATERTANK ON SLAB **GARAGE** ENTRY **STUDY** +79,500 F-CP1 F-CP F-CE1 SUB-FLOOR SPACE +78,960 SUBFLOOR STRUCTURE AS PER STRUCTURAL ENGINEER'S DETAIL. STRUCTURE TO COMPLY WITH DASHED LINE OF NATURAL BAL FZ REQUIREMENTS. REFER TO GROUND LEVEL. BUSHFIRE REPORT.





BUSHFIRE REQUIREMENTS:
Refer to bushfire assessment report and Australian
Standards for BAL FZ.

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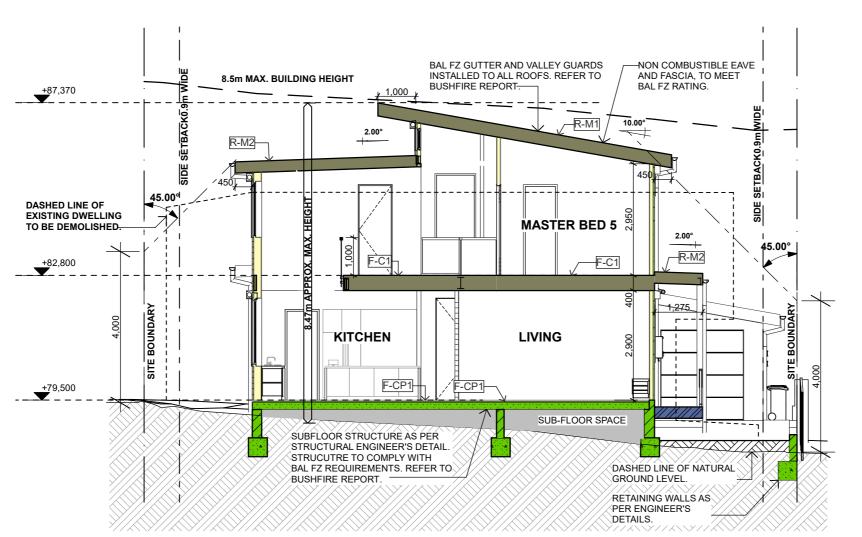
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SECTION C AND

DRAGONFLY ARCHITECTS PTV LTD Should Sh



DA2021/1545



SECTION D Scale 1:100

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							23/08/2021	DATE
BUSHFIRE REQUIREMENTS: Refer to bushfire assessment report and Australian Standards for BAL FZ.							A DEVELOPMENT APPLICATION ISSUE	ID DESCRIPTION

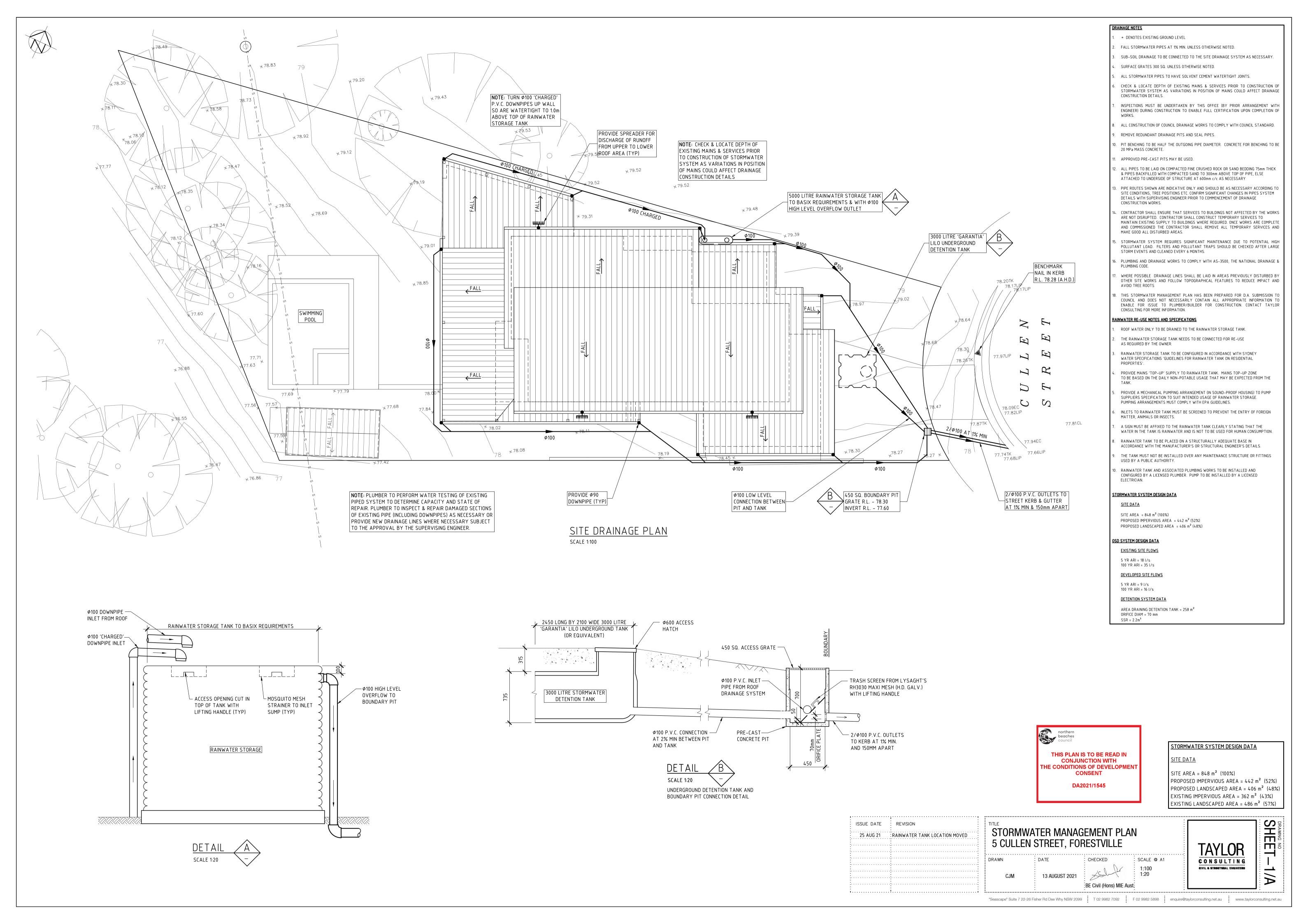
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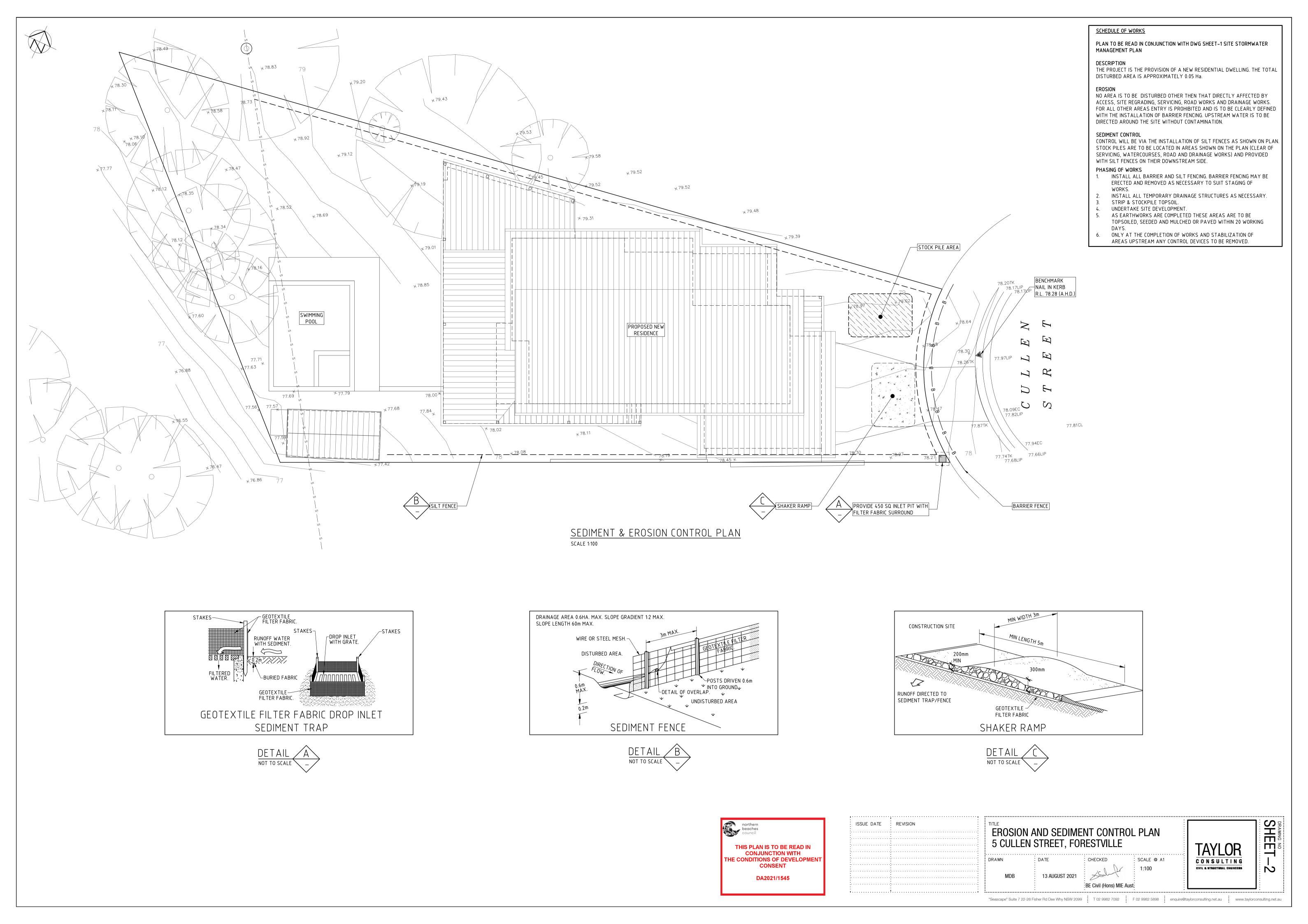
STREET FORESTVILLE NSW 2087

SECTION I

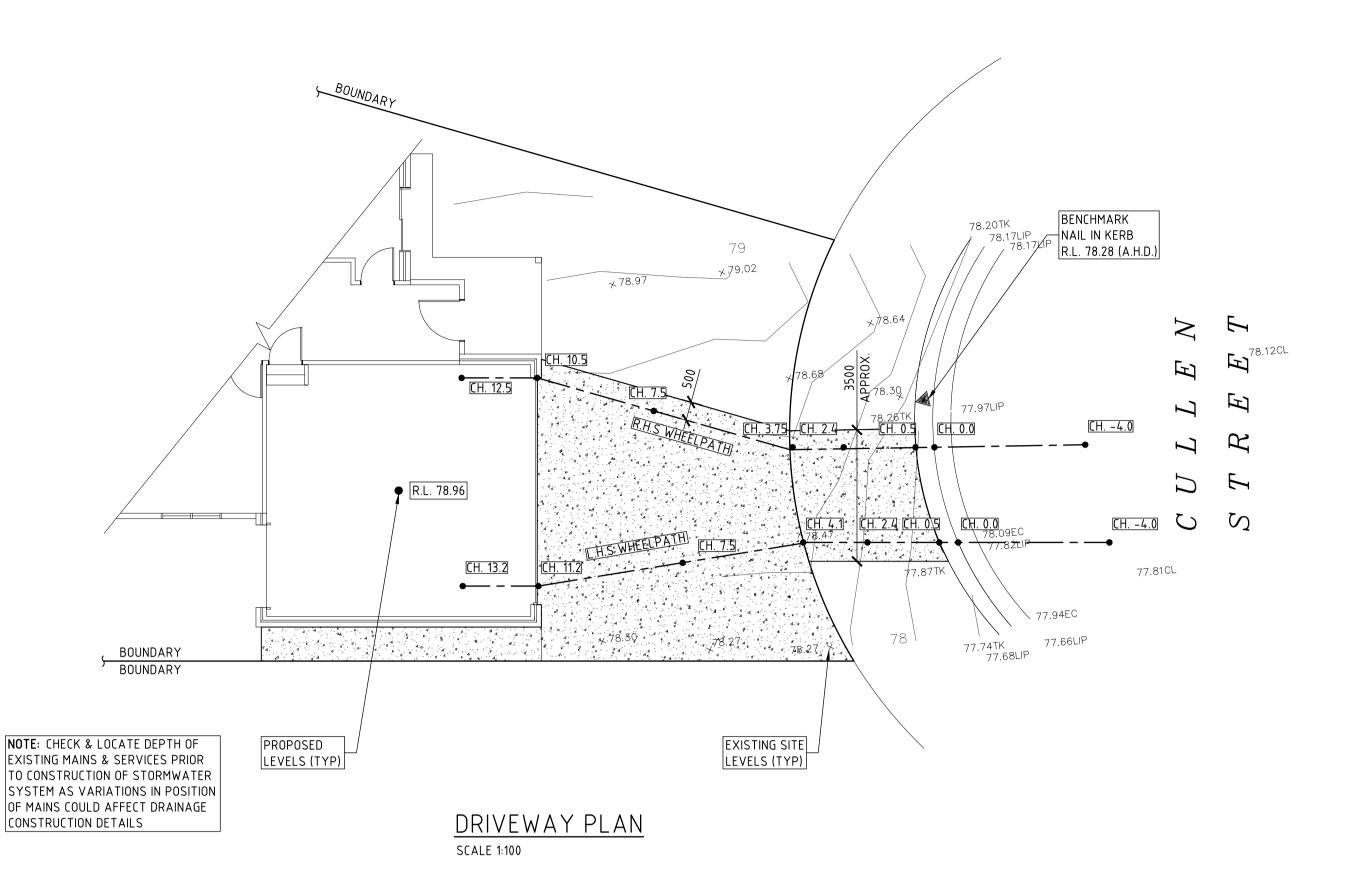
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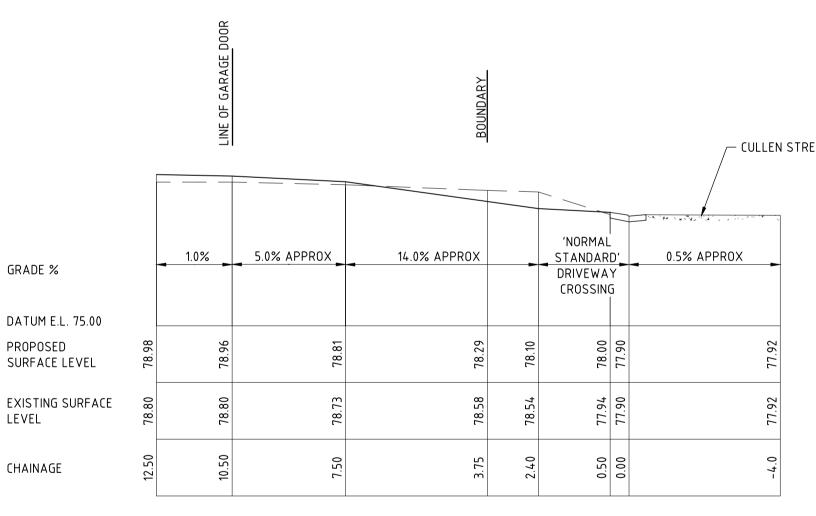






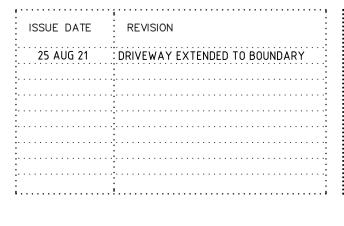
PROPOSED SURFACE— PROFILE (TYP) _EXISTING SURFACE PROFILE (TYP) — CULLEN STREET 'NORMAL STANDARD' 16.0% APPROX 1.0% 5.0% APPROX 0.5% APPROX GRADE % DRIVEWAY CROSSING DATUM E.L. 75.00 PROPOSED SURFACE LEVEL EXISTING SURFACE LEVEL 0.50 CHAINAGE

L.H.S. DRIVEWAY LONG-SECTION



R.H.S. DRIVEWAY LONG-SECTION SCALE 1:100





DRIVEWAY PLAN AND LONG-SECTIONS 5 CULLEN STREET, FORESTVILLE DRAWN CHECKED : SCALE @ A1 1:100 13 AUGUST 2021

:BE Civil (Hons) MIE Aust;

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CULLEN STREET

KERB & GUTTER KERB ACCESS RAMP 80 20 25 | VEHICLE CROSSING | 80 | 20 | 25 | FOOTPATH 80 | 20 | 25 |

Slump | Size | f'c | Special Requirements

Strength shall be verified by plant control testing. 3. Clear concrete cover to reinforcement including ties and stirrups shall as follows unless shown otherwise.

DRAINAGE PITS | 80 | 20 | 32 | -

CONSTRUCTION NOTES

FOUNDATIONS

CONCRETE

edition with amendments

1. These drawings shall be read in conjunction with all architectural and other consultants drawings and specifications and with such other written instructions as may be issued

3. All dimensions shall be verified on site by the Contractor who shall be responsible for their

4. The contractor shall be responsible for maintaining the structure and neighbouring

5. All workmanship and materials shall be in accordance with the requirements of the current

SAA Codes and the By-Laws and Ordinances of the relevant Government Authority.

structures in a safe and stable condition during construction. No part shall be over-

the allowable bearing pressure on this material is assumed to be 150 kPa. 2. Foundation material shall be approved immediately before placing concrete.

1. All workmanship and materials shall be in accordance with AS 3600, current

2. Concrete quality: All cement shale be Type A Normal Portland Cement.

Officer for decision before proceeding with the work.

2. Dimensions shall not be obtained by scaling the structural drawings.

Excavation shall be taken into firm natural ground

during the course of the contract. All discrepancies shall be referred to the Supervising

		Exposure Classification							
	Element	A1 Sheltered locations	B1 External locations over 1km from saltwater shoreline	within 1km of					
	Strip footings	-	50	50					
	Columns and piers	20	40	50					
	Beams	20	40	45					
	Slabs and walls	20	40	45					
	Note that slabs placed over a membrane on ground are included as A1.								

4. Reinforcement symbols:

N denotes Grade 500 deformed normal ductility bar to AS 4671. R denotes Grade 250 plain round normal ductility bar to AS 4671.

SL denotes Grade 500 low ductility square welded mesh to AS 4671. RL denotes Grade 500 low ductility rectangular welded mesh to AS 4671

denotes direction of main bars of rectangular fabric (main bars down for bottom reinforcement, main bars up for top reinforcement). denotes square fabric.

→ denotes extent of reinforcement.

5. All unsupported bars shall be tied in the transverse direction to unless otherwise noted.

6. Reinforcement is shown diagramatically and is not necessarily shown in the

true projection. 7. Splices in the reinforcement shall be made only in the positions shown. The written approval of the Supervising Officer shall be obtained for any other splices. Where the lap

length is not shown it shall be sufficient to develop the full strength of the reinforcement. 8. Welding of reinforcement will not be permitted unless shown on the structural drawings. Fabric lap detail:

—Lap 2 wires 10. Slab reinforcement shall extend at least 65 onto masonry support walls unless

shown otherwise. 11. Concrete sizes shown are minimum and no reductions by ducts, pipes, etc. shall be made without the approval of the Supervising Officer. Sizes do not include thickness

of applied finishes. 12. Beam depths are written first and do not include slab thickness.

13. Pipes or conduits shall not be placed within the concrete cover to reinforcement without the approval of the Supervising Officer. 14. No holes or chases other than those shown on the structural drawings shall be

made in concrete members without the prior approval of the Supervising Officer. 15. Construction joints where not shown shall be located to the approval of

the Supervising Officer. 16. The contractor shall notify the Engineer 24 hours before pouring concrete.

The concrete shall be compacted using high frequency vibrators 18. Columns, piers, and pedestals shall be placed 24 hours (min.) before concrete

in slabs or beams over. 19. Curing of all concrete surfaces shall commence immediately after surfaces are

finished as specified.

BRICK AND CONCRETE BLOCK MASONRY

1. All workmanship and materials shall be in accordance with AS 3700. 2. Two layers of approved metal based slip joint material shall be laid under all slabs

where they bear on brickwork. 3. Walls shown on structural drawings are load bearing walls. Non load bearing

walls under slabs shall be separated from the concrete by a minimum of 10mm thick compressible material.

4. No brickwork which is supported by the slab shall be erected until formwork has been removed.

5. Brick mortar to be proportions by volume of cement, lime and sand. 6. Brick strength of load bearing brickwork to be a minimum of f'uc = Mpa.

REINFORCED CONCRETE BLOCK MASONRY

 All concrete masonry units shall conform to the requirements of AS 2733. The design strength of concrete masonry shall be:

Mortar Mix Grade of Units Cement, Lime ,Sand

3. Workmanship involved in placing concrete units shall comply with AS 3700

and all units shall be have fully bedded face shells and cross walls. 4. Clean out holes shall be provided at the base of all reinforced cores. 5. Unless noted otherwise the cores of all concrete masonry units shall be filled with concrete having a characteristic strength at 28 days (f'c) of 20 MPa.

and a slump of 180mm to 230mm when being placed, the concrete filling shall be thoroughly compacted. 6. Max size of course aggregate in concrete used to fill cores shall be 10mm unless shown otherwise. STRUCTURAL STEELWORK

except where varied by the contract documents. 2. Three (3) copies of all shop details shall be submitted to the engineer for approval of structural sufficiency before fabrication.

1. All workmanship and materials shall be in accordance with AS 4100 and AS 1554

3. All welds shall be 6mm continuous fillet, all bolts ϕ 20mm, all gussets plates 10mm thick, unless noted otherwise on the drawing.

4. Concrete encased steelwork shall be wrapped with 3mm wire at 100mm centres and shall have a minimum 50 cover of concrete.

5. Steel beams and trusses with span greater than 6m shall be fabricated with an upwards precamber of 1/500 span in each span unless noted otherwise on the drawings.

6. Structural steelwork is to be wire brushed to remove rust and loose mill scale and coated with one coat of approved primed unless noted otherwise on the drawings.

7. All steelwork cast into brickwork is to be hot dipped galvanised.

1. Timber construction is to be in accordance with AS 1720 and the Timber Framing Code

2. Timber stress grade shall be F7 unless noted otherwise.

ROAD AND DRAINAGE WORKS TO BE IN ACCORDANCE WITH COUNCIL'S SPECIFICATION FOR

VEHICLE CROSSING, ACCESS RAMPS AND GUTTER SHALL BE POURED IN PLAIN CONCRETE AND

FINISHED WITH STEEL TROWEL. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 25MPA

THE SUBGRADE SHALL BE THOROUGHLY COMPACTED BY THE USE OF VIBRATORY COMPACTION

NEW KERB & GUTTERING TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCIL SPECIFICATIONS.

REINSTATE AND MAKE GOOD ALL LAYBACKS, PATHS AND TURFED AREAS TO SATISFACTION OF

REGULAR COMPACTION TESTS ARE REQUIRED BY COUNCIL PRIOR TO ADDITION OF EACH LAYER OF

COUNCIL'S DEVELOPMENT ENGINEER IS TO BE GIVEN 48 HOURS NOTICE WHEN THE WORKS REACH

ALL STEEL ELEMENTS TO BE STAINLESS GRADE 316 OR EQUIVALENT (MARINE GRADE)

BENEATH ALL KERB & GUTTER AND PRAM RAMPS PLACE & COMPACT DGB20 IN 150 LAYERS TO

EQUIPMENT UNTIL IT SHOWS NO SIGNS OF MOVEMENT, OR AS DIRECTED BY COUNCIL OR

VEHICLE CROSSING TO BE CONSTRUCTED IN ACCORDANCE WITH APPROVED

ENGINEERING WORKS - AUS-SPEC#1 AND/OR COUNCIL'S MINOR WORKS SPECIFICATION.

AT 28 DAYS

THE SUPERVISING ENGINEER.

SUPERVISING ENGINEER.

THE FOLLOWING STAGES:

SUB-BASE OR WEARING COURSE.

LEVELS AND SPECIFICATIONS ISSUED BY COUNCIL.

(A) INSTALLATION OF SILT AND SEDIMENT CONTROL DEVICES.

(B) SUBGRADE LEVEL / BASECOURSE LEVEL

(D) PRIOR TO BACKFILLING OF PIPELINES

(E) PRIOR TO POURING OF KERB & GUTTER

(F) PRIOR TO POURING VEHICLE CROSSING

98% STANDARD DENSITY AS NECESSARY

(G) SEALING ROAD PAVEMENT

(C) PRIOR TO POURING OF STORMWATER GULLY PITS