

PROPOSED DUAL OCCUPANCY

PROJECT DEVELOPER

THEO KOUTSIKAMANIS

PROJECT BUILDER

THEO KOUTSIKAMANIS

PROJECT NUMBER

26-0534

SITE DETAILS

BLOCK 12 SECTION 5 FORREST

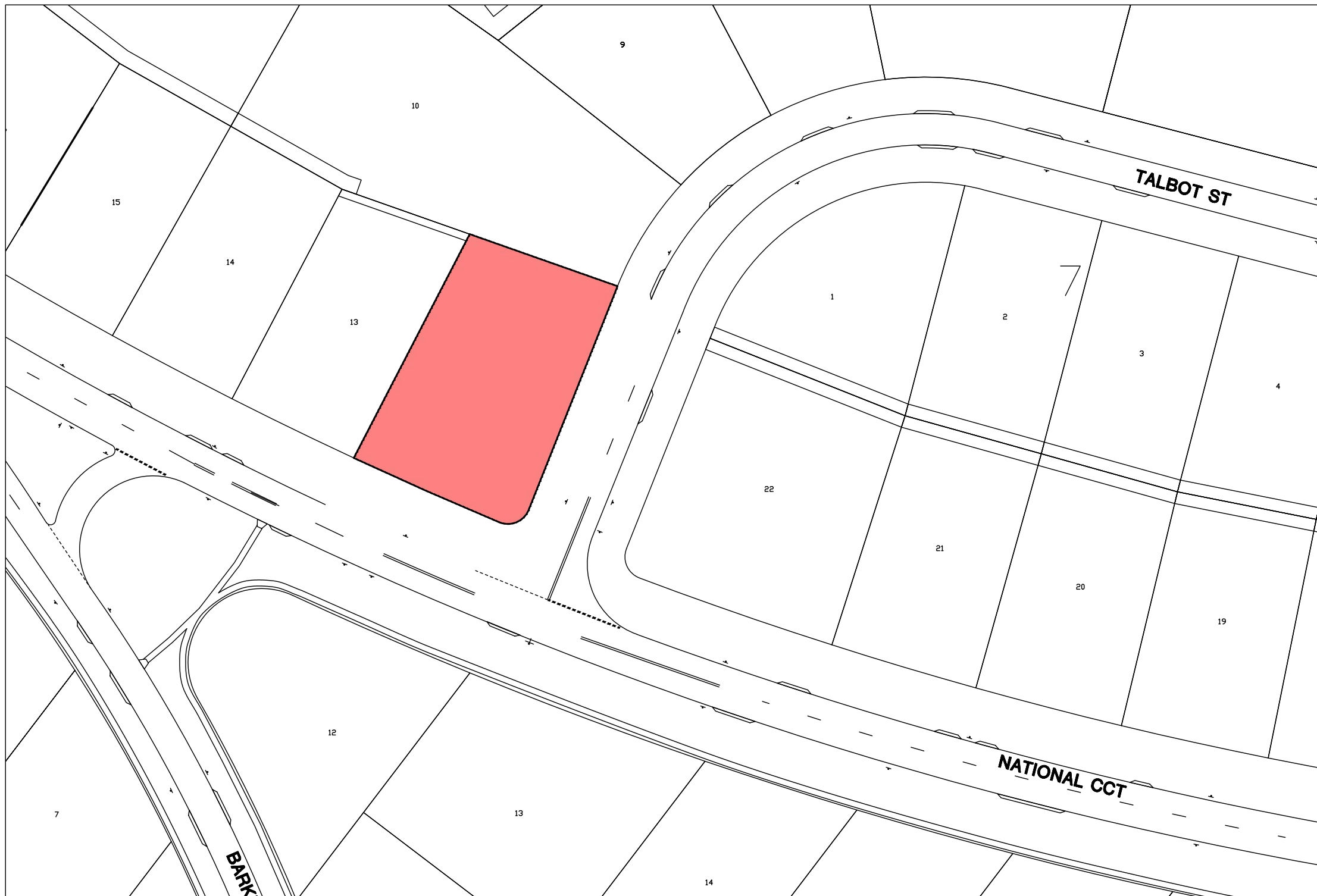
SITE ADDRESS

20 TALBOT STREET

PROJECT STAGE

DEVELOPMENT APPLICATION

PROJECT LOCATION



DRAWING INDEX

DRAWING NUMBER	DRAWING TITLE
C01	GENERAL ARRANGEMENTS PLAN
C02	GENERAL CONSTRUCTION NOTES AND DETAILS
C03	LANDSCAPE MANAGEMENT & PROTECTION PLAN
C04-01	SEDIMENT AND EROSION CONTROL NOTES 1
C04-02	SEDIMENT AND EROSION CONTROL NOTES 2
C04-03	SEDIMENT AND EROSION CONTROL PLAN
C05	EXTERNAL SERVICES PLAN
C06	CIVIL WORKS PLAN
C07	CIVIL WORKS DETAILS
C08	STORMWATER MANAGEMENT PLAN
C09	VEHICLE TURNING PLAN
C10	WASTE COLLECTION PLAN

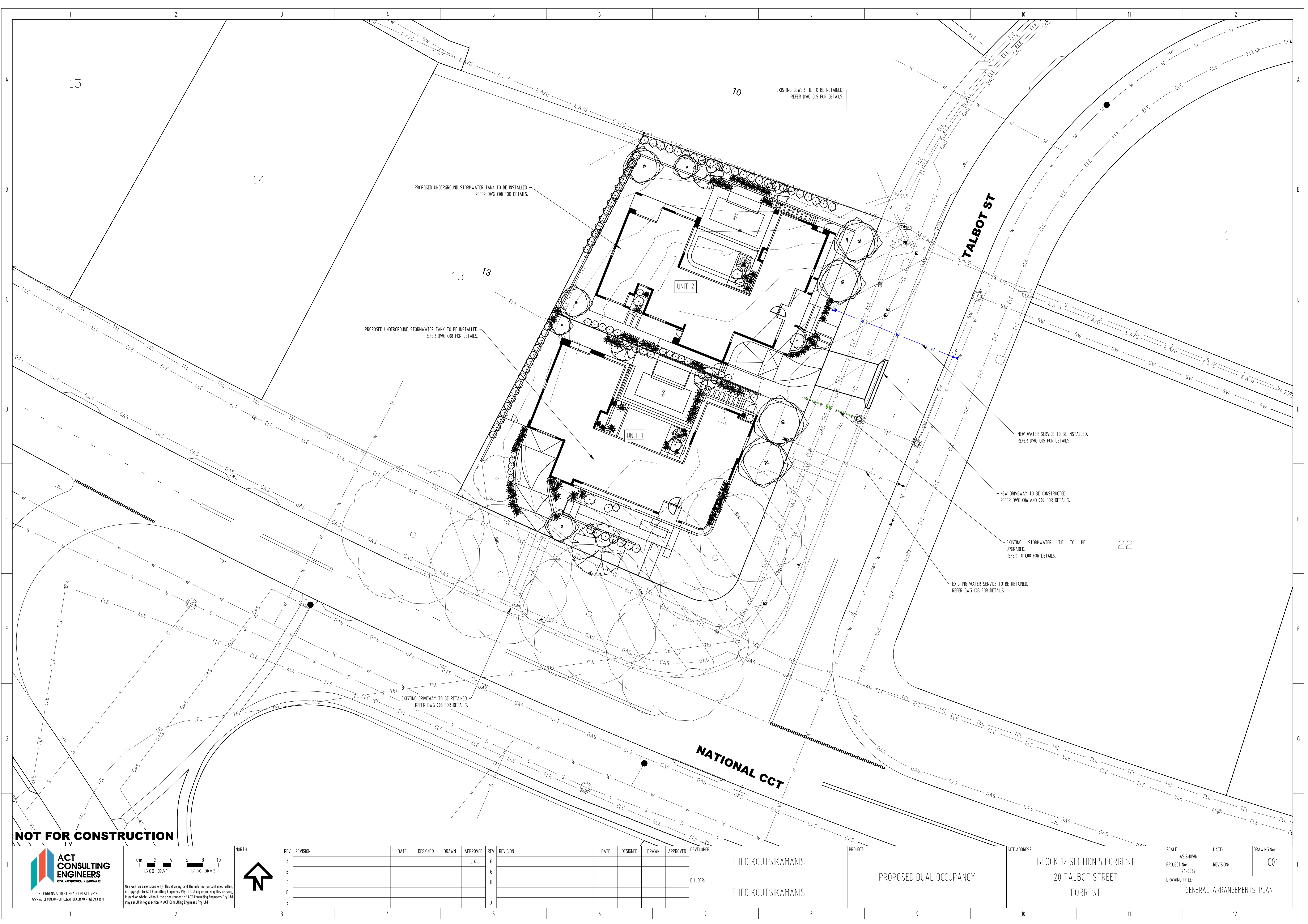


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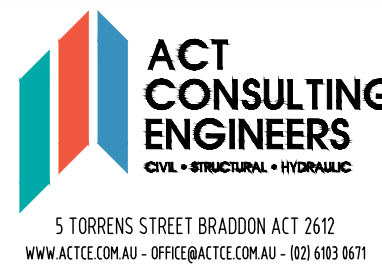
CIVIL • STRUCTURAL • HYDRAULIC

5 TORRENS STREET BRADDON ACT 2612

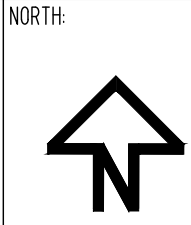
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REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED	REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED
A					LK	F					
B						G					
C						H					
D						I					
E						J					

DEVELOPER:
THEO KOUTSIKAMANIS
BUILDER:
THEO KOUTSIKAMANIS

PROJECT:
PROPOSED DUAL OCCUPANCY

SITE ADDRESS:
BLOCK 12 SECTION 5 FORREST
20 TALBOT STREET
FORREST

SCALE: AS SHOWN
PROJECT No: 26-0534
DATE: 26-0534
REVISION: 26-0534

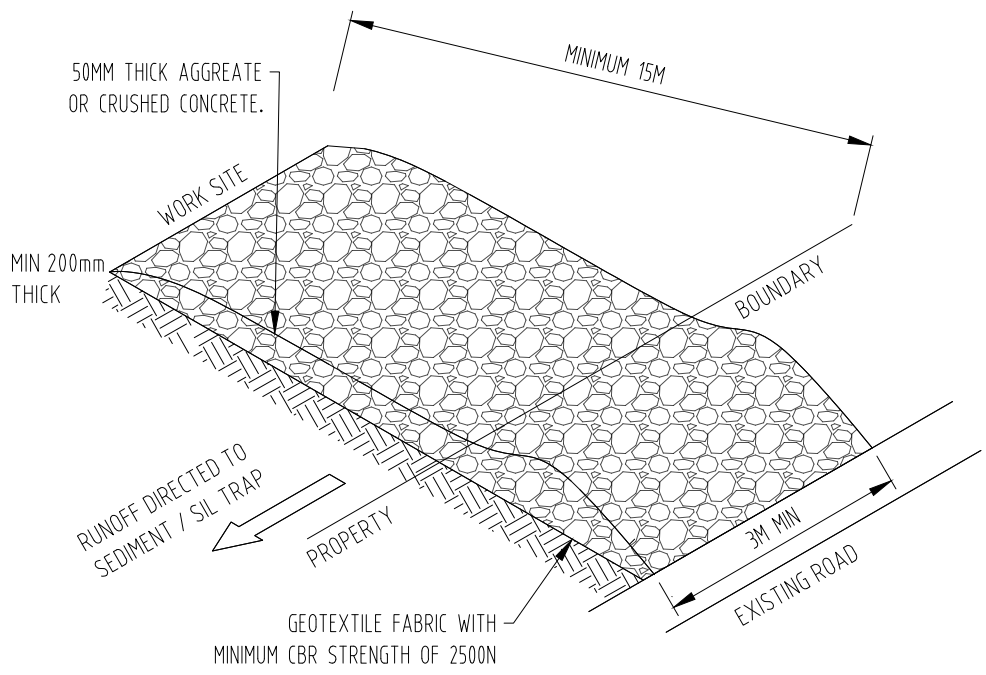
DRAWING No: C01
DRAWING TITLE: GENERAL ARRANGEMENTS PLAN

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A	LANDSCAPE MANAGEMENT AND PROTECTION NOTES 1. General 1.1. THESE NOTES MUST BE READ IN CONJUNCTION WITH THE REQUIREMENTS OUTLINED IN TCCS REFERENCE DOCUMENT 04 – LANDSCAPE MANAGEMENT AND PROTECTION PLANS. 1.2. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO ENSURE THAT ALL TERRITORY ASSETS ARE PROTECTED FROM DAMAGE. 1.3. NO WORKS OTHER THAN THOSE IDENTIFIED ON THE APPROVED LMPP ARE TO TAKE PLACE WITHIN THE TREE PROTECTION ZONE (TPZ) OF AN EXISTING TREE. NO CONSTRUCTION ACTIVITIES SUCH AS STORAGE, PARKING, STOCKPILING, SITE SHEDS, CONSTRUCTION ACCESS, WASHDOWN, EXCAVATION, ETC. ARE ACCEPTED WITHOUT APPROVAL. 1.4. PRIOR TO CONSTRUCTION ALL PROTECTION MEASURES INDICATED ON THE APPROVED LMPP MUST BE IMPLEMENTED. THE PROJECT TEAM MUST NOTIFY TCCS URBAN TREESCAPES IN WRITING ONCE THE PROTECTION MEASURES HAVE BEEN INSTALLED (VIA TCCS_CP1UTDDCOORD@ACT.GOV.AU). 2. SITE ACCESS – ALSO REFER TO VEHICLE ACCESS WITHIN THE TREE PROTECTION ZONE THIS SECTION OF NOTES IS APPLICABLE FOR ALL DEVELOPMENTS. 2.1. SITE ACCESS MUST BE STRICTLY THROUGH THE ACCESS POINTS IDENTIFIED ON THIS PLAN. ACCESS THROUGH UNLEASED LAND THAT IS NOT IDENTIFIED ON THE APPROVED LMPP IS STRICTLY PROHIBITED. 3. STORAGE OF MATERIALS THIS SECTION OF NOTES IS APPLICABLE FOR ALL DEVELOPMENTS. 3.1. THE STORAGE OF CONSTRUCTION MATERIALS AND THE PARKING OF VEHICLES OR EQUIPMENT ON VERGES OR ADJACENT PUBLIC OPEN SPACES IS NOT PERMITTED WITHOUT PRIOR APPROVAL FROM TCCS. 3.1.1. ONLY STORAGE AND PARKING LOCATIONS ON UNLEASED LAND IDENTIFIED ON THIS LMPP ARE APPROVED. 4. SITE ACCOMMODATION THIS SECTION OF NOTES IS APPLICABLE FOR ALL DEVELOPMENTS. 4.1. SITE SHEDS, SITE AMENITIES, STORAGE SHEDS, SKIPS, BILLBOARDS, OR CONTAINERS ARE STRICTLY PROHIBITED FROM BEING PLACED ON UNLEASED LAND UNLESS IDENTIFIED ON THE APPROVED LMPP, AND PUBLIC UNLEASED LAND PERMIT. 4.1.1. ONLY SITE AMENITIES ON UNLEASED LAND IDENTIFIED ON THIS LMPP ARE APPROVED. 5. FENCING THIS SECTION IS APPLICABLE FOR ALL DEVELOPMENT SITES ADJACENT TO UNLEASED LAND. PROTECTION FENCING MUST BE IDENTIFIED ON THE LMPP TO PROTECT TERRITORY ASSETS ADJACENT THE DEVELOPMENT SITE. 5.1. PROTECTION FENCING 5.1.1. FENCING MUST BE ERECTED BEFORE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES ON SITE, THIS INCLUDES BUT IS NOT LIMITED TO STARTING OF DEMOLITION WORKS, DELIVERY OF MACHINERY OR MATERIALS, STOCKPILING, STORAGE, ETC. 5.1.2. FENCING MUST BE ERECTED IN THE LOCATION, ALIGNMENTS AND MATERIAL INDICATED ON THE APPROVED LMPP AND MUST STOP ACCESS THROUGHOUT CONSTRUCTION. 5.1.3. FENCING MUST REMAIN IN PLACE FOR THE ENTIRETY OF THE PROJECT DURATION, AND MAINTAINED IN GOOD, SAFE WORKING ORDER UNTIL OPERATIONAL ACCEPTANCE (OAI) IS GRANTED. REMOVAL BEFORE OAI IS GRANTED MUST BE APPROVED BY TCCS IN WRITING. 5.1.4. FENCING MUST BE 1800 MM RIGID MESH TEMPORARY FENCE PANELS SUPPORTED BY STEEL POSTS AND CONCRETE BASES. SUPPORT POSTS DRIVEN INTO THE GROUND ARE STRICTLY PROHIBITED. 5.1.5. ALL CONNECTING FIXTURES/HARDWARE MUST BE SECURELY MOUNTED SO FENCING CANNOT BE DISMANTLED AND REMOVED BY THE PUBLIC. 5.1.6. THE USE OF ALTERNATIVE FENCING MATERIALS MUST BE DISCUSSED WITH, AND APPROVED BY, TCCS. 5.1.7. FENCING MUST BE SETBACK FROM FOOTPATHS AND CIVIL INFRASTRUCTURE AS PER TCCS REFERENCE DOCUMENT 04 – LANDSCAPE MANAGEMENT AND PROTECTION PLANS REQUIREMENTS, UNLESS OTHERWISE NOTED ON THE APPROVED LMPP. 6. CANOPY PROTECTION THIS SECTION OF NOTES IS APPLICABLE WHERE THE EXISTING CANOPY OF A TREE ON UNLEASED LAND IS LIKELY TO BE IMPACTED BY CONSTRUCTION WORKS. THE FOLLOWING CANOPY PROTECTION REQUIREMENTS ARE MANDATORY. 6.1. THE DEVELOPER IS RESPONSIBLE TO PREVENT DAMAGE TO TREE CANOPIES AND PROTECT ALL EXISTING TREE CANOPIES FROM CONSTRUCTION ACTIVITIES. 6.2. PRUNING OF EXISTING CANOPIES IS STRICTLY PROHIBITED UNLESS IDENTIFIED ON THE APPROVED LMPP. 6.3. WHERE ADDITIONAL CANOPY IMPACTS TO THE APPROVED LMPP ARE IDENTIFIED, THE FOLLOWING REQUIREMENTS ARE MANDATORY: 6.3.1. IDENTIFY ANY PRUNING REQUIREMENTS BY NOTIONALLY INDICATING ON A PHOTOGRAPH WHERE THE LIMBS MAY NEED TO BE PRUNED OR TIED BACK AND SUBMIT THIS TO TCCS URBAN TREESCAPES. 6.3.2. WHERE DIRECTED BY TCCS, A SUITABLY QUALIFIED ARBORIST WITH A MINIMUM CERTIFICATE 5 QUALIFICATION MUST BE ENGAGED TO IDENTIFY THE CANOPY IMPACTS AND PROPOSE THE PREFERRED TIE BACK OF LIMBS OR EXTENT OF PRUNING REQUIRED. 6.3.3. WHERE ROOT PRUNING IS IDENTIFIED, REFER TO TREE ROOT PROTECTION OF THESE NOTES. 6.4. BRANCH PRUNING OF TREES ON UNLEASED LAND. THIS SECTION OF NOTES IS APPLICABLE WHEREVER PRUNING IS REQUIRED TO TREES ON UNLEASED LAND. ALL PRUNING ACTIVITIES MUST BE INDICATED ON THE APPROVED LMPP. 6.4.1. ALL PRUNING AND TYING OF BRANCHES MUST BE UNDERTAKEN BY SUITABLY QUALIFIED ARBORISTS WITH A MINIMUM CERTIFICATE 3 QUALIFICATION, AND AS PER BEST PRACTICES AS DEFINED IN AS 4373. 6.4.2. WHERE PRACTICAL BRANCHES SHOULD BE TIED BACK, CLEAR OF THE WORK, AND PRUNING SHOULD ONLY BE USED AS LAST RESORT. 6.4.3. A PRUNING REPORT FROM THE ARBORIST MUST BE COMPLETED AND ISSUED TO TCCS URBAN TREESCAPES WITH THE LMPP AND LETTER OF DESIGN REVIEW (LDR) FOR APPROVAL BEFORE PRUNING ACTIVITIES CAN COMMENCE. 6.4.4. ONCE THE PRUNING REPORT HAS BEEN ENDORSED BY TCCS URBAN TREESCAPES, THE PROJECT REPRESENTATIVE MUST NOTIFY TCCS URBAN TREESCAPES OF WHEN THE PRUNING IS PLANNED TO TAKE PLACE (VIA TCCS_CP1UTDDCOORD@ACT.GOV.AU). 7. TRUNK/BRANCH PROTECTION THIS SECTION IS APPLICABLE WHERE WORK IS REQUIRED WITHIN THE TREE PROTECTION ZONE (TPZ) OF AN EXISTING TREE. TRUNK PROTECTION MUST BE INSTALLED WHEN WORK IS REQUIRED WITHIN THE TPZ OF A TREE. 7.1. PROTECTION BATTENS MUST BE PUT IN PLACE BEFORE COMMENCING THE WORKS AND MAINTAINED IN GOOD CONDITION THROUGHOUT THE WORK PERIOD. PROTECTION BATTENS CAN ONLY BE REMOVED AT THE COMPLETION OF THE WORKS. 7.2. TRUNK PROTECTION (AS PER CURRENT AS 4370 REQUIREMENTS) 7.2.1. LOOSELY WRAP THE TRUNK REQUIRING PROTECTION IN A THICK LAYER OF HESSIAN. 7.2.2. USE MINIMUM 2 M LENGTHS OF TIMBER FOR THE TRUNK PROTECTION AND INSTALL AT BASE OF TRUNK FOR FULL CIRCUMFERENCE OF TREE. SPACE BATTENS SO GAPS BETWEEN BATTENS ARE NO GREATER THAN 20 MM. BATTENS MUST BE UNTREATED TIMBER, FREE OF NAILS, SCREWS OR BOLTS. 7.2.3. LASH BATTENS TO TREE USING STRAPS, ROPE OR HESSIAN WEBBING ENSURING THE BATTENS ARE SECURE AGAINST THE TREE, BUT NOT TOO TIGHT ON THE TRUNK. BATTENS MUST BE LASHED AT THE TOP, BOTTOM AND MIDDLE AS A MINIMUM. 7.3. BRANCH PROTECTION (AS PER CURRENT AS 4370 REQUIREMENTS) 7.3.1. WHERE LOW HANGING BRANCHES GREATER THAN 100 MM IN DIAMETER WILL BE DAMAGED BY THE WORKS, THEY WILL REQUIRE ADDITIONAL PROTECTION. 7.3.2. LOOSELY WRAP THE BRANCHES REQUIRING PROTECTION IN A THICK LAYER OF HESSIAN. 7.3.3. USE TIMBER CUT TO LENGTH TO SUIT THE BRANCH REQUIRING PROTECTION AND INSTALL TO FULL CIRCUMFERENCE OF BRANCH. SPACE BATTENS SO GAPS BETWEEN BATTENS ARE NO GREATER THAN 20 MM. BATTENS MUST BE																							
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H	ACT CONSULTING ENGINEERS CIVIL • STRUCTURAL • HYDRAULIC 5 TORRENS STREET BRADDON ACT 2612 WWW.ACTCE.COM.AU • OFFICE@ACTCE.COM.AU • 021 493 9671 Use written dimensions only. This drawing, and the information contained within, is copyright to ACT Consulting Engineers Pty Ltd. Using or copying this drawing, in part or whole, without the prior consent of ACT Consulting Engineers Pty Ltd may result in legal action. © ACT Consulting Engineers Pty Ltd NORTH REV REVISION DATE DESIGNED DRAWN APPROVED REV REVISION DATE DESIGNED DRAWN APPROVED DEVELOPER THEO KOUTSIKAMANIS BUILDER THEO KOUTSIKAMANIS PROJECT: PROPOSED DUAL OCCUPANCY SITE ADDRESS: BLOCK 12 SECTION 5 FORREST 20 TALBOT STREET FORREST SCALE AS SHOWN PROJECT No: 26-0534 DATE: REVISION: DRAWING No: C02 DRAWING TITLE: CONSTRUCTION MANAGEMENT NOTES AND DETAILS																							
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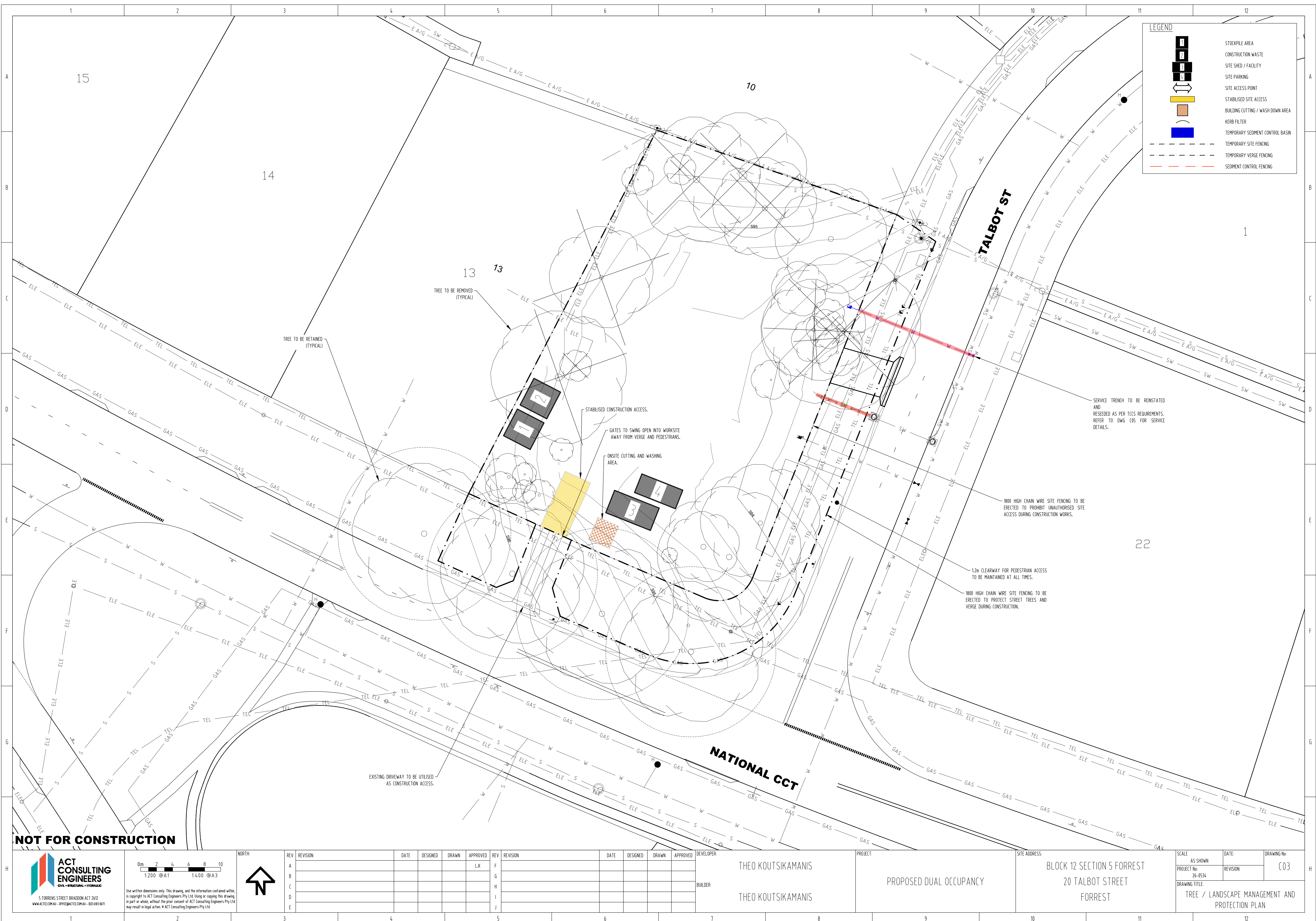


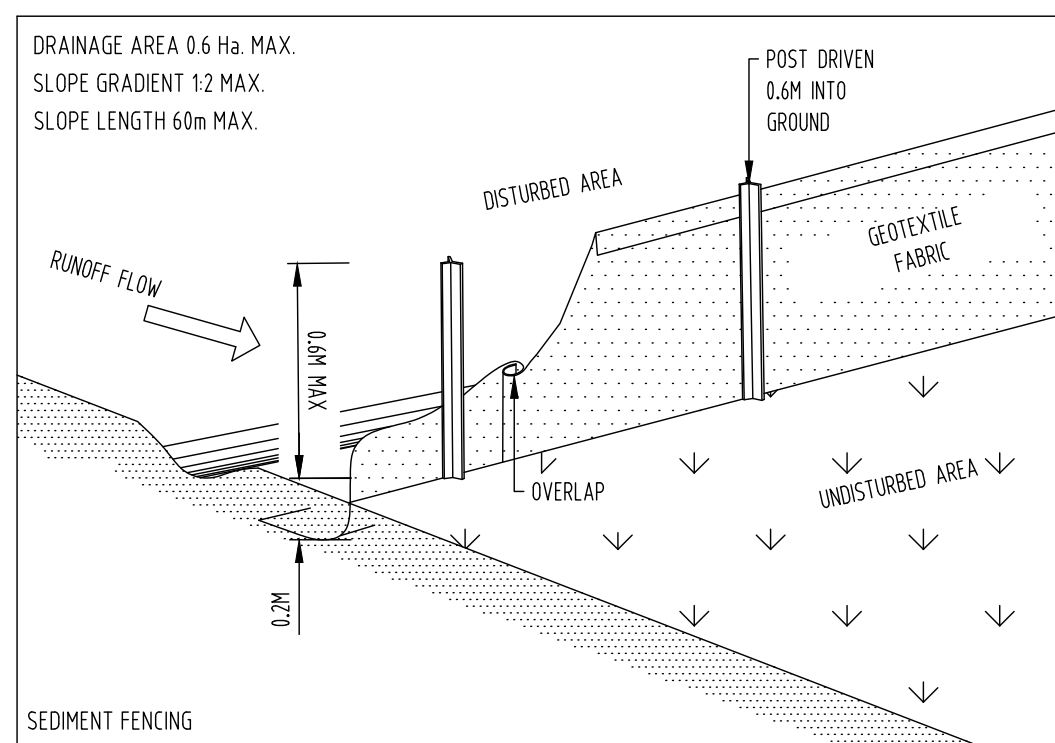
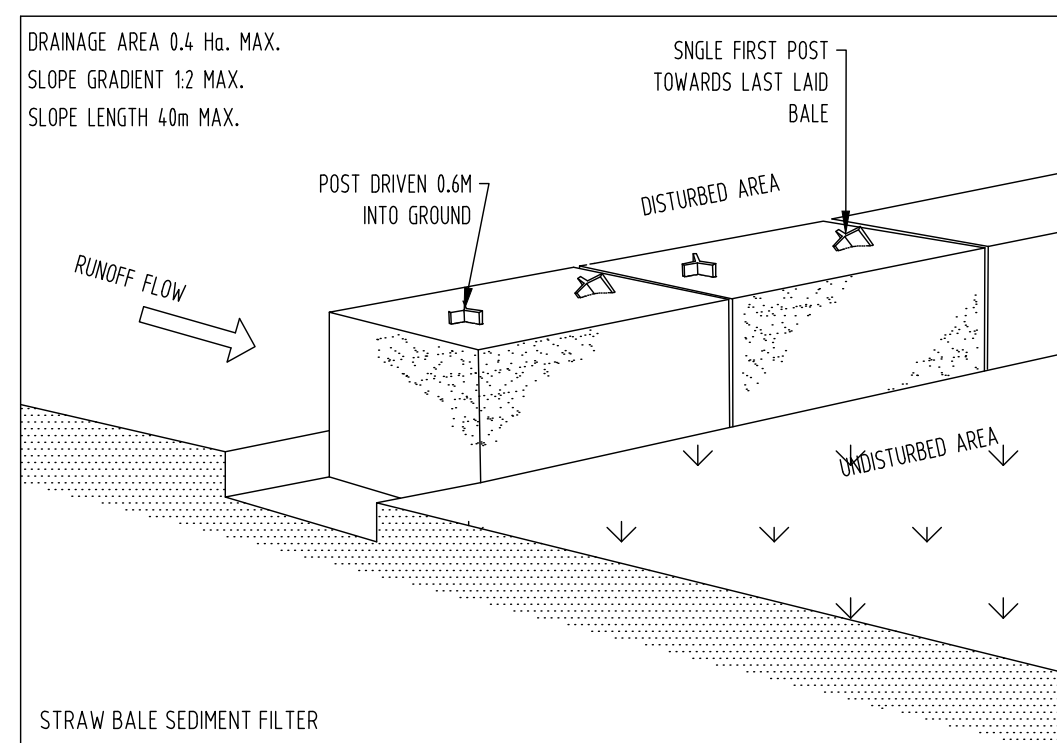
LEGEND

EXISTING	PROPOSED
TEL	COMMS / TEL
SW	STORMWATER
ELEC	ELEC
E A/G	ELEC ABOVE GROUND
E HV	ELEC HV
E LV	ELEC LV
GAS	GAS
S	SEWER
S R/M	SEWER RISING MAIN
W	WATER
W (P)	WATER - PRIVATE
	DISCONNECT
SW MANHOLE	SW MANHOLE
SW PIT	SW PIT
SW SUMP	SW SUMP
SERVICE ENDCAP	SERVICE ENDCAP
SCOUR STOP	SCOUR STOP
TANK - ABOVE GROUND	TANK - ABOVE GROUND
TANK - BELOW GROUND	TANK - BELOW GROUND
WATER HYDRANT	WATER HYDRANT
WATER METER	WATER METER
WATER VALVE	WATER VALVE
WATER THRUST BLOCK	WATER THRUST BLOCK
SEWER MANHOLE	SEWER MANHOLE
SEWER ENDCAP	SEWER ENDCAP
SEWER RODDING POINT	SEWER RODDING POINT
SCOUR STOP	SCOUR STOP
STREET LIGHT	STREET LIGHT
ELECTRICITY POLE	ELECTRICITY POLE
STREET TREE	STREET TREE

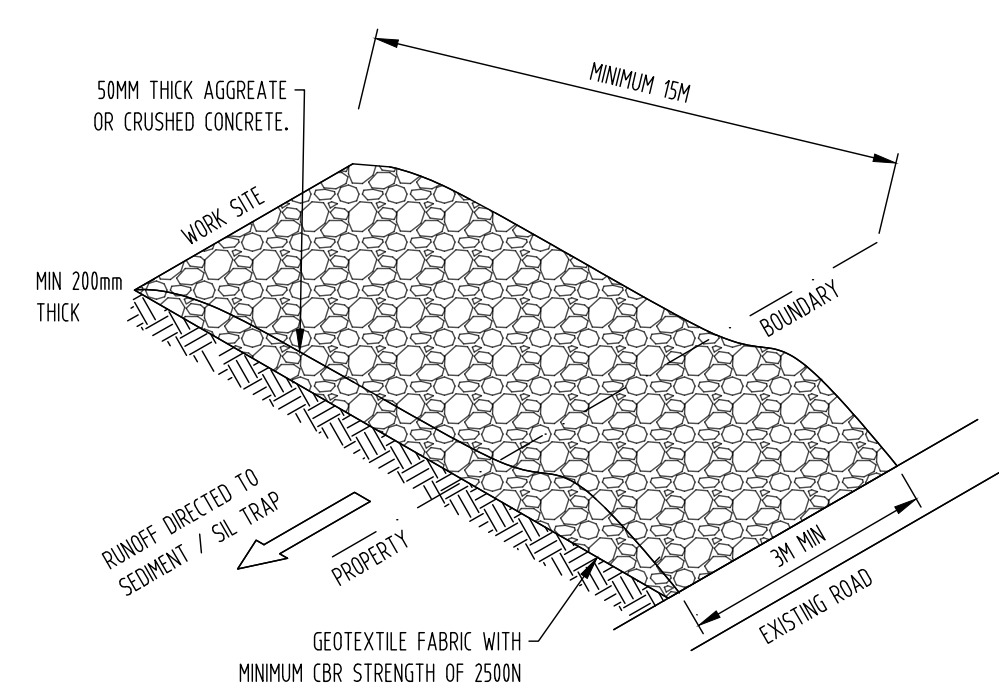
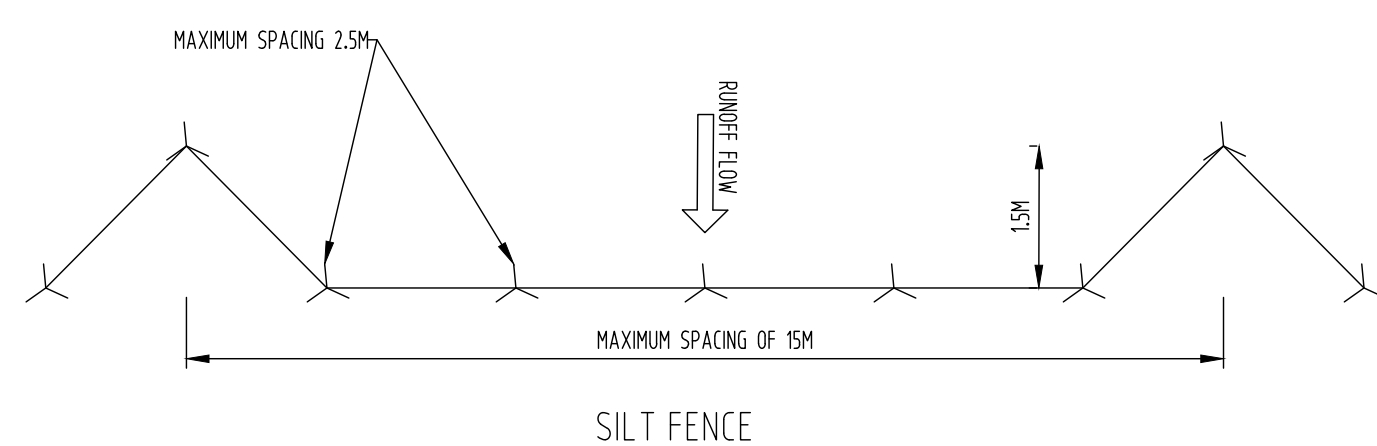


STABILISED CONSTRUCTION ACCESS

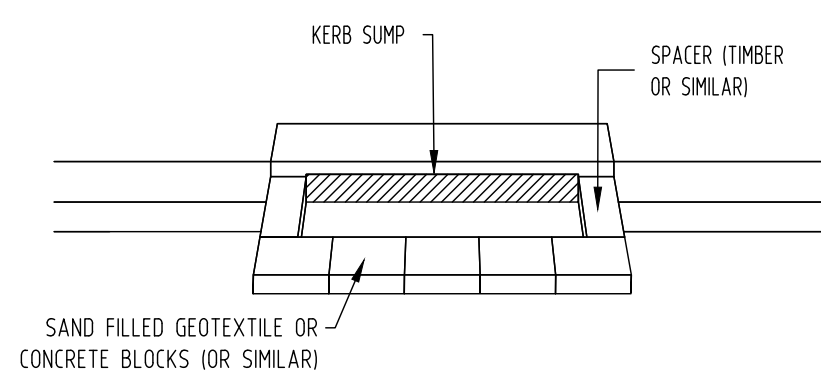




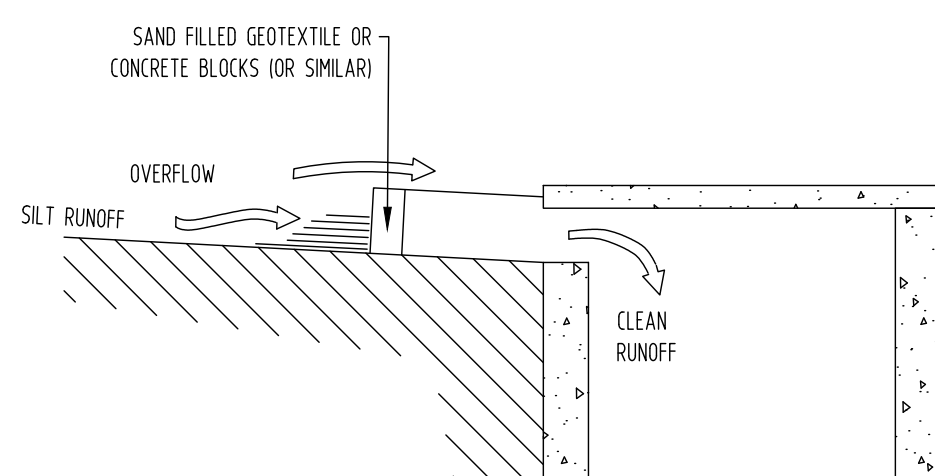
SEDIMENT CONTROL DETAILS



STABILISED CONSTRUCTION ACCESS



KERB INLET FILTER



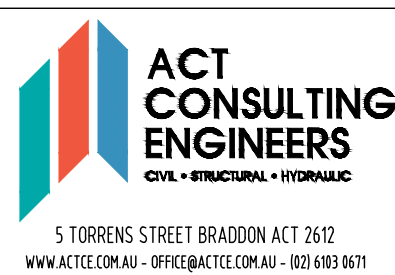
KERB INLET FILTER - SECTION

TOTAL SITE AREA:	-----m ²
SITE CONTRACTOR:	-----
SITE SUPERVISOR:	-----
CONTACT NUMBER:	-----
EPA AGREEMENT No.	-----

WORK HOURS		
BUILDING WORK DETAIL	MONDAY TO SATURDAY	SUNDAY AND PUBLIC HOLIDAYS
INDUSTRIAL, CITY AND TOWN CENTRES	6AM TO 8PM	6AM TO 8 PM
ANY OTHER AREA WHEN COMPLETED WITHIN 2 WEEKS	7AM TO 8PM	8AM TO 8PM
ANY OTHER AREA WHEN NOT COMPLETED WITHIN 2 WEEKS	7AM TO 6PM	CONSTRUCTION WORK MUST NOT EXCEED NOISE STANDARD

ALL WORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION GUIDELINES FOR CONSTRUCTION AND LAND DEVELOPMENT IN THE ACT 2022.

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NORTH:

REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED	REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED
A					LX	F					
B						G					
C						H					
D						I					
E						J					

DEVELOPER:	
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THEO KOUTSIKAMANIS

BUILDER:

THEO KOUTSIKAMANIS

PROJECT:

PROPOSED DUAL OCCUPANCY

SITE ADDRESS:

BLOCK 12 SECTION 5 FORREST
20 TALBOT STREET
FORREST

SCALE

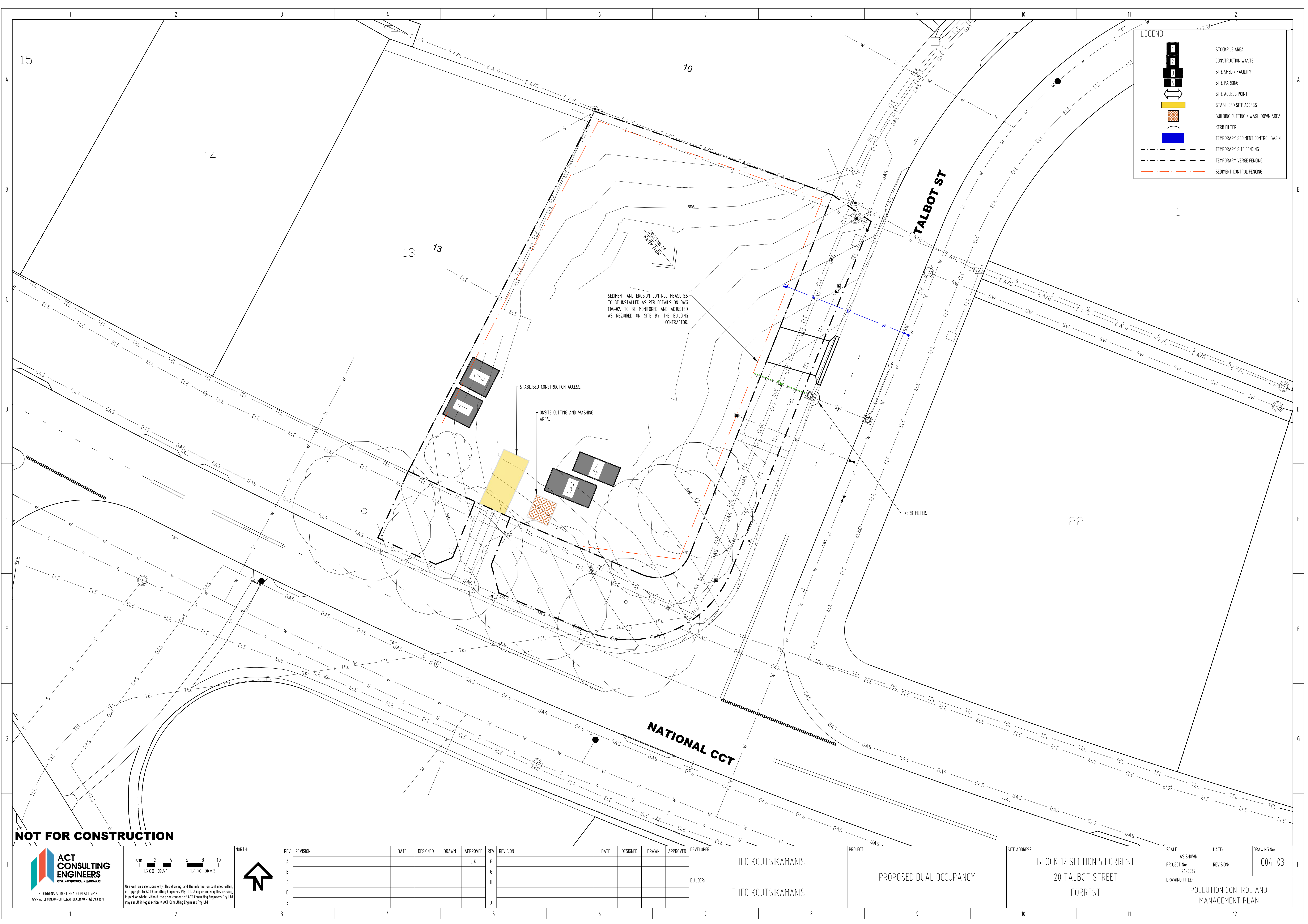
AS SHOWN

PROJECT No: 26 DE31

DRAWING TITLE:

POLLUTION CONTROL AND
MANAGEMENT NOTES 2

DRAWING No:
C04-02



LEGEND

- 1 STOCKPILE AREA
- 2 CONSTRUCTION WASTE
- 3 SITE SHED / FACILITY
- 4 SITE PARKING
- 5 SITE ACCESS POINT
- 6 STABILISED SITE ACCESS
- 7 BUILDING CUTTING / WASH DOWN AREA
- 8 KERB FILTER
- 9 TEMPORARY SEDIMENT CONTROL BASIN
- 10 TEMPORARY SITE FENCING
- 11 TEMPORARY VERGE FENCING
- 12 SEDIMENT CONTROL FENCING

SEDIMENT AND EROSION CONTROL MEASURES TO BE INSTALLED AS PER DETAILS ON DWG C04-02. TO BE MONITORED AND ADJUSTED AS REQUIRED ON SITE BY THE BUILDING CONTRACTOR.

STABILISED CONSTRUCTION ACCESS.

ONSITE CUTTING AND WASHING AREA.

TALBOT ST

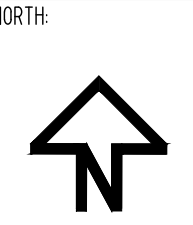
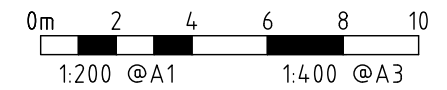
KERB FILTER.

NATIONAL CCT

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DEVELOPER:

THEO KOUTSIKAMANIS

BUILDER:

THEO KOUTSIKAMANIS

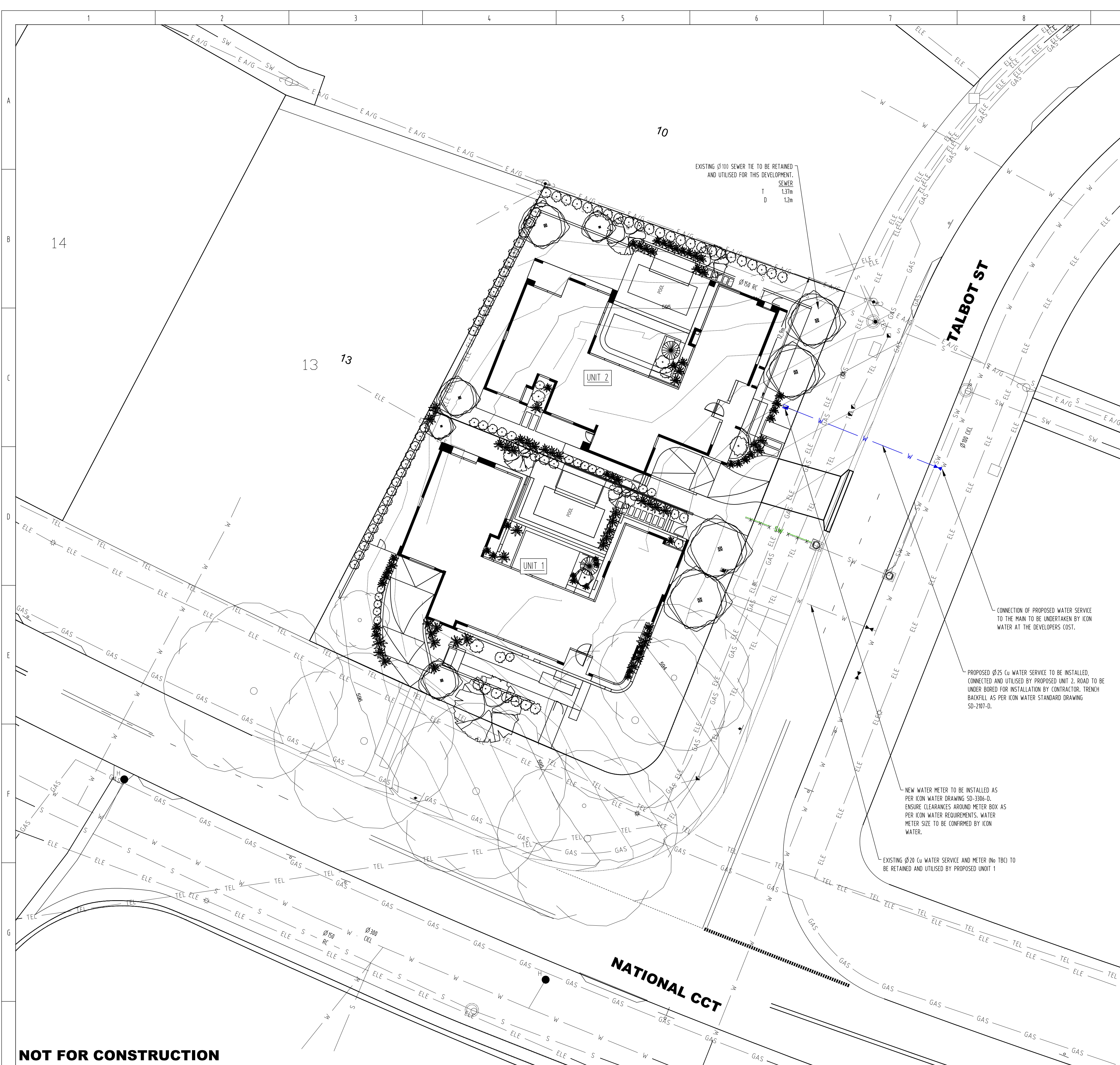
PROJECT:

PROPOSED DUAL OCCUPANCY

SITE ADDRESS:

BLOCK 12 SECTION 5 FORREST
20 TALBOT STREET
FORREST

SCALE AS SHOWN	DATE	DRAWING No: C04-03
PROJECT No: 26-0534	REVISION	
DRAWING TITLE: POLLUTION CONTROL AND MANAGEMENT PLAN		



EXTERNAL SERVICES

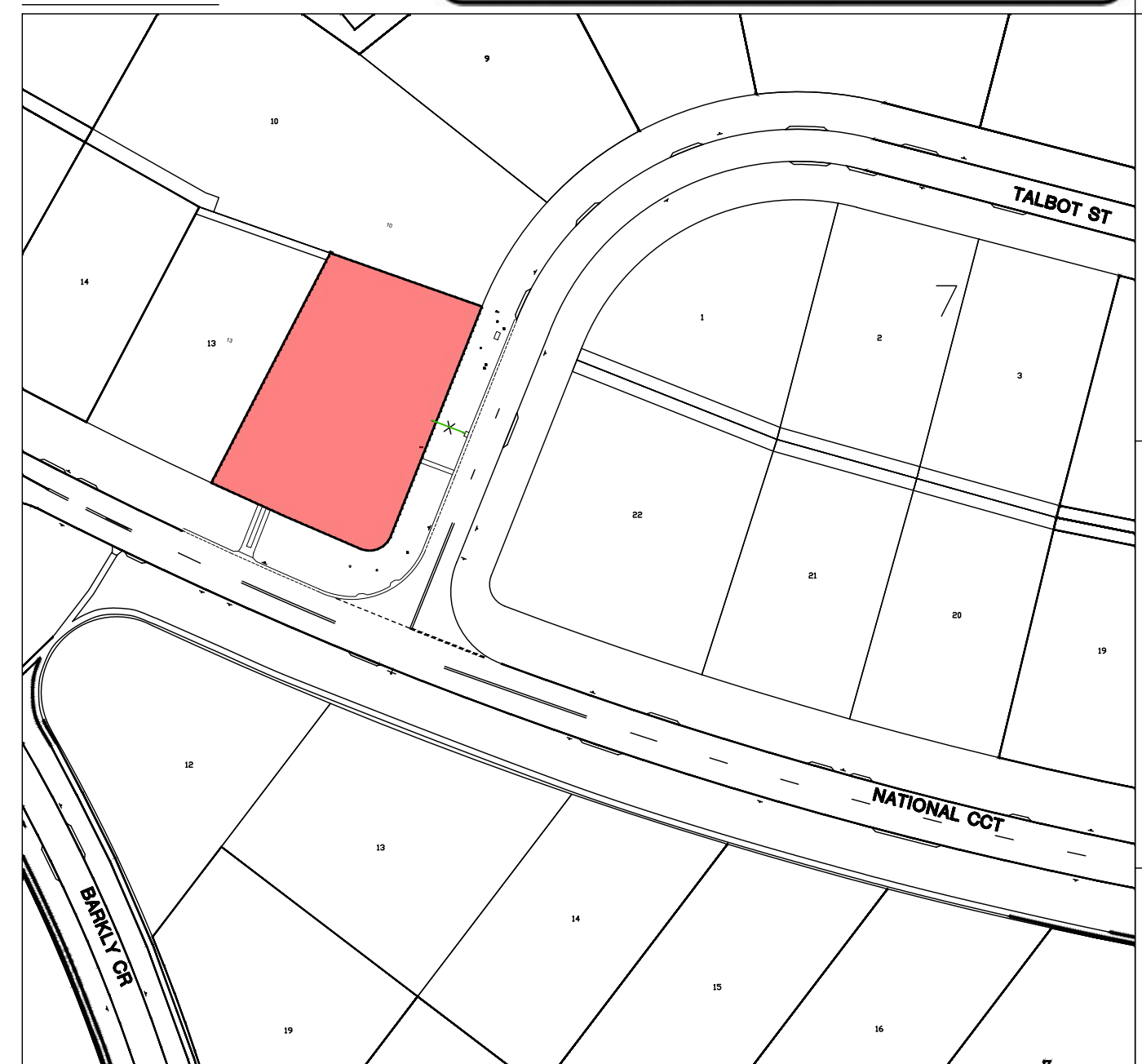
- GENERAL NOTES
- ALL WORK ON WATER SUPPLY AND SEWER MAINS IS TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT ICON WATER'S WATER SUPPLY AND SEWERAGE STANDARDS. ALL WORK ON STORMWATER MAINS TO BE CARRIED OUT IN ACCORDANCE WITH DESIGN STANDARDS FOR URBAN INFRASTRUCTURE WORKS.
 - CONNECTIONS AND OR DISCONNECTIONS OF SEWER AND WATER AT THE MAIN TO BE MADE BY ICON WATER AT THE CONTRACTORS EXPENSE. THE CONTRACTOR IS TO EXPOSE THE MAIN AT THE LOCATION OF THE CONNECTION/DISCONNECTION IN PREPARATION FOR THE WORK BY ICON WATER. ALL EXCAVATION IN THE VICINITY OF MAINS IS TO BE CARRIED OUT BY HAND.
 - THE CONTRACTOR MUST VISIT THE SITE OF WORKS BEFORE TENDERING AND MAKE ALLOWANCES ON HIS TENDER FOR ALL TOPOGRAPHIC CONSTRAINTS AFFECTING THE EXECUTION OF THE WORKS AND THE RESTORATION OF THE SITE.
 - ALTHOUGH THE POSITION OF EXISTING UNDERGROUND SERVICES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS, THE CONTRACTOR SHALL CONFIRM THE DEPTH AND LOCATION OF ALL SERVICES ON SITE BEFORE COMMENCING EXCAVATIONS.
 - ALL LEVELS TO AUSTRALIAN HEIGHT DATUM (AHD). ALL COORDINATES ARE BASED ON THE CANBERRA LOCAL GRID SYSTEM.
 - THE CONTRACTOR MUST SECURE ALL PERMITS, ARRANGE ALL CLEARANCES AND PAY ALL FEES REQUIRED TO COMPLETE THE PROJECT PRIOR TO THE COMMENCEMENT OF WORK.
 - WORK AS EXECUTED DRAWINGS AND TIE BOOK MUST BE SUBMITTED BEFORE CONNECTION.
 - ANY NON-METALLIC WATER SERVICE IS TO BE INSTALLED WITH TRACER WIRE AND TESTED.
 - EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE AND DUMPED AT AN APPROVED SPOIL AREA.
 - THE CONTRACTOR SHALL REINSTATE ALL DISTURBED SURFACES TO MATCH EXISTING.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF ALL NECESSARY TEMPORARY TRAFFIC MANAGEMENT PLANS AND THEIR APPROVAL.
 - CONTRACTOR TO CONFIRM DEPTH OF SEWER AND STORMWATER TIE POINTS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ADVISE DESIGN ENGINEER IF NOT IN ACCORDANCE WITH THE PLAN.
 - ANY NEW DRIVEWAY CONSTRUCTED OVER AN EXISTING WATER OR SEWER MAIN MUST BE BACKFILLED IN ACCORDANCE WITH THE CURRENT ICON WATER DESIGN AND CONSTRUCTION STANDARDS.

LEGEND

EXISTING		PROPOSED	
TEL	COMMS / TEL	TEL	
SW	STORMWATER	SW	
ELEC	ELEC	ELEC	
E A/G	ELEC ABOVE GROUND	E A/G	
E HV	ELEC HV	E HV	
E LV	ELEC LV	E LV	
GAS	GAS	GAS	
S	SEWER	S	
S R/M	SEWER RISING MAIN	S R/M	
W	WATER	W	
W (P)	WATER - PRIVATE	W (P)	
DISCONNECT		DISCONNECT	
SW MANHOLE		SW MANHOLE	
SW PIT		SW PIT	
SW SUMP		SW SUMP	
SERVICE END CAP		SERVICE END CAP	
SCOUR STOP		SCOUR STOP	
TANK - ABOVE GROUND		TANK - ABOVE GROUND	
TANK - BELOW GROUND		TANK - BELOW GROUND	
WATER HYDRANT		WATER HYDRANT	
WATER METER		WATER METER	
WATER VALVE		WATER VALVE	
WATER THRUST BLOCK		WATER THRUST BLOCK	
SEWER MANHOLE		SEWER MANHOLE	
SEWER END CAP		SEWER END CAP	
SEWER RODDING POINT		SEWER RODDING POINT	
SCOUR STOP		SCOUR STOP	
STREET LIGHT		STREET LIGHT	
ELECTRICITY POLE		ELECTRICITY POLE	
STREET TREE		STREET TREE	



SITE LOCALITY



NOT FOR CONSTRUCTION

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0m 2 4 6 8 10
1:200 @A1 1:400 @A3

NORTH

REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED	REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED	DEVELOPER
A					LK	F						THEO KOUTSIKAMANIS
B						G						THEO KOUTSIKAMANIS
C						H						
D						I						
E						J						

PROJECT: PROPOSED DUAL OCCUPANCY

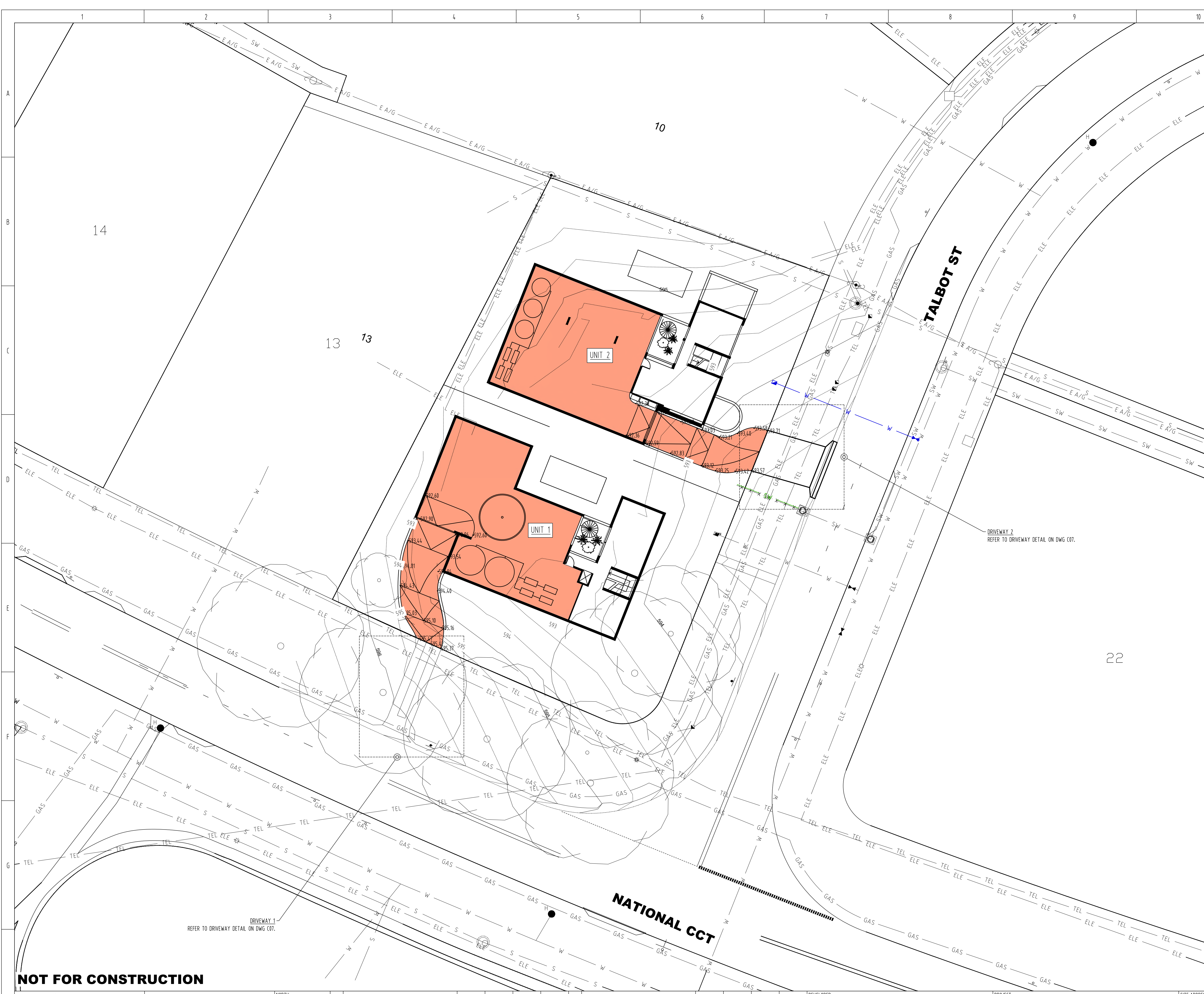
DEVELOPER: THEO KOUTSIKAMANIS

BUILDER: THEO KOUTSIKAMANIS

SITE ADDRESS: BLOCK 12 SECTION 5 FORREST
20 TALBOT STREET
FORREST

SCALE: AS SHOWN
PROJECT No: 26-0534
DRAWING TITLE: EXTERNAL SERVICES PLAN

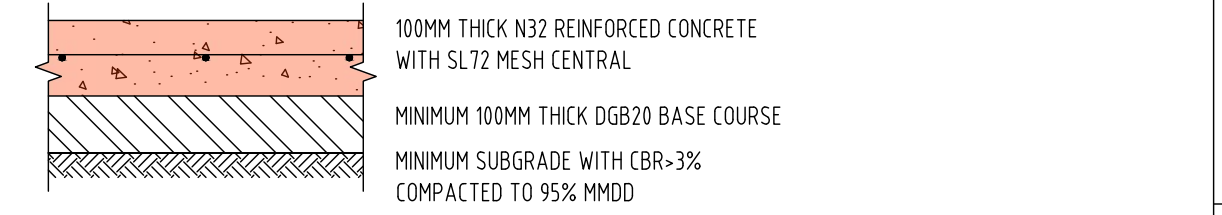
DATE: REVISION: DRAWING No: C05



- DRIVEWAY CONSTRUCTION AND CONCRETE WORKS**
- GENERAL NOTES**
- THE COST OF OFF SITE CONCRETE WORKS ARE TO BE AT FULL COST TO THE DEVELOPER.
 - THE MODIFICATION OF EXISTING VERGE LEVELS IS NOT PERMITTED WITHOUT THE PRIOR APPROVAL FROM TRANSPORT CANBERRA AND CITY SERVICES.
 - DRIVEWAYS ARE TO BE CONSTRUCTED, UNLESS NOTED OTHERWISE, A MINIMUM OF:
 - 1200mm AWAY FROM INFRASTRUCTURE SUCH AS SUMPS AND PITS;
 - 1500mm AWAY FROM STREET LIGHTS, PILLARS, SUBSTATIONS, AND BUS SHELTERS;
 - 3000mm AWAY FROM TREES;

- SPECIFICATION - DRIVEWAYS**
- ALL CONCRETE SHALL BE GRADE 32 (32 MPa), AGGREGATE SIZE TO BE 20mm MAXIMUM.
 - PAVEMENT TO BE MINIMUM OF 150mm THICK AND REINFORCED WITH SL82 MESH AT 50mm TOP COVER UNLESS OTHERWISE NOTED.
 - ALL DRIVEWAYS SHALL BE CONSTRUCTED ON GRANULAR SUBBASE CLASS 1 WITH 100MM MINIMUM THICKNESS AND COMPACTED TO 95%MMDD.
 - DRIVEWAYS SHALL BE INSPECTED AT FORM WORK, PRIOR TO POURING CONCRETE, BY A MEMBER OF TRANSPORT CANBERRA AND CITY SERVICES OR THE DESIGN ENGINEER.
 - BROOMED FINISH TO BE APPLIED TO ALL KERB CROSSINGS AND PRAM RAMPS. ALL OTHER EXPOSED SURFACES TO HAVE STEEL FLOAT FINISH.
 - ALL CONCRETE TO BE WATER CURED CONTINUOUSLY FOR 3 DAYS OR ALTERNATIVELY COATED WITH AN APPROVED CURING COMPOUND.

- SPECIFICATION - KERBS, FOOTPATHS AND MINOR WORKS**
- CONSTRUCTION OF CONCRETE KERBING, LAYBACKS AND FOOTPATHS SHALL BE DONE IN ACCORDANCE WITH TRANSPORT CANBERRA AND CITY SERVICES STANDARD DRAWINGS AND SPECIFICATIONS.
 - ALL CONCRETE TO BE MINIMUM GRADE N32 (32MPa) UNLESS NOTED OTHERWISE. AGGREGATE SIZE TO BE 20 MAXIMUM.
 - JOINTS IN THE CONCRETE SHALL BE AS PER THE GIVEN DETAILS, IN ACCORDANCE WITH TRANSPORT CANBERRA AND CITY SERVICES STANDARDS.
 - ALL KERBS, GUTTERS, INVERTS AND CROSSINGS TO BE CONSTRUCTED ON COMPACTED GRANULAR SUBBASE CLASS 1 (S81) OF 75mm MINIMUM THICKNESS OR AS OTHERWISE DETAILED.
 - EXPANSION JOINTS (EJ) TO BE SEALED WITH 12mm JOINTEX FOR THE FULL DEPTH OF THE SECTION AND CUT TO PROFILE. EJS TO BE LOCATED AT ALL DRAINAGE STRUCTURES (BOTH SIDES), ON TPs OF CURVES LESS THAN 15m RADIUS AND ELSEWHERE AT 15m CENTRES.
 - WEAKENED PLANE JOINTS (WJ) TO BE 3mm WIDE TO 1/4 DEPTH FOR EXTRUDED WORK AND TO THE FULL DEPTH OF FORMED SECTIONS. WJS TO BE LOCATED AT ALL VCS, PCs AND ELSEWHERE AT 3m CENTRES.
 - FOR KG NOT LAID BY MACHINE, RADIUS AT THE TOP OF KERB FACE TO BE REDUCED TO 10mm.
 - BROOMED FINISH TO BE APPLIED TO ALL KERB CROSSINGS AND PRAM RAMPS. ALL OTHER EXPOSED SURFACES TO HAVE STEEL FLOAT FINISH.
 - ALL CONCRETE TO BE WATER CURED CONTINUOUSLY FOR 3 DAYS OR ALTERNATIVELY COATED WITH AN APPROVED CURING COMPOUND.



CONCRETE PAVEMENT - 100mm

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0m 2 4 6 8 10
1:200 @A1 1:400 @A3

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NORTH

REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED	REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED
A					LK	F					
B						G					
C						H					
D						I					
E						J					

DEVELOPER:

THEO KOUTSIKAMANIS

BUILDER:

THEO KOUTSIKAMANIS

PROJECT:

PROPOSED DUAL OCCUPANCY

SITE ADDRESS:

BLOCK 12 SECTION 5 FORREST
20 TALBOT STREET
FORREST

SCALE:

AS SHOWN

PROJECT No: 26-0534

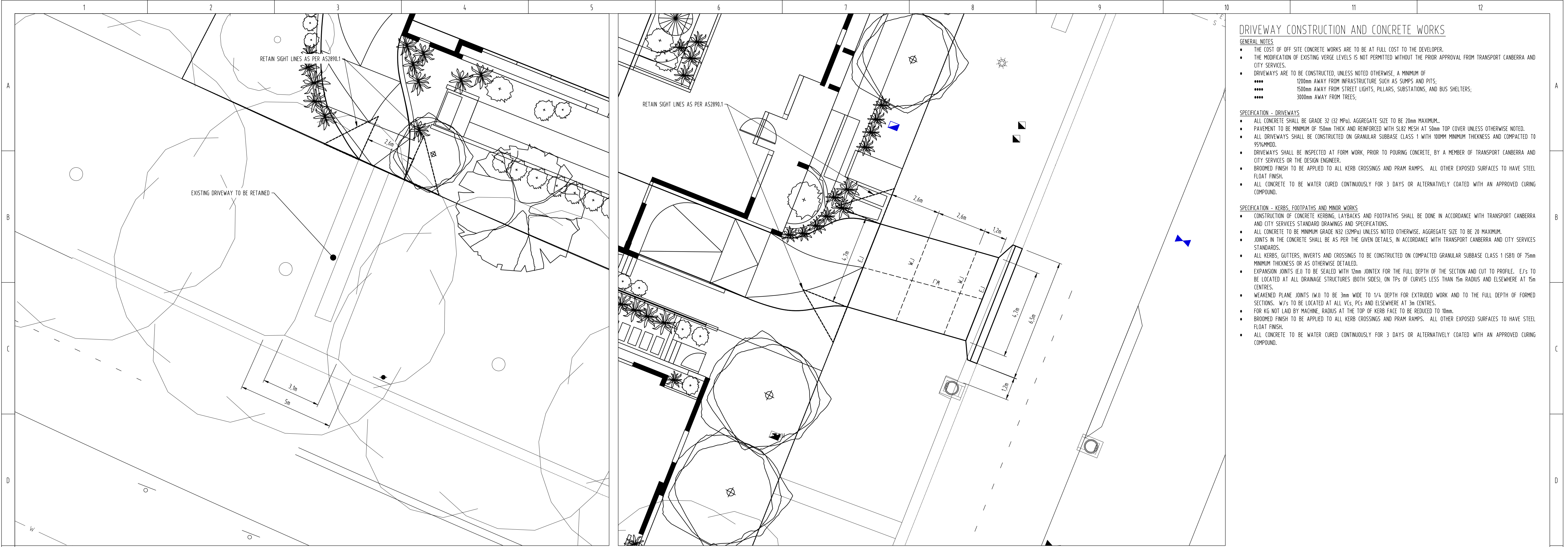
DRAWING TITLE:

CIVIL WORKS PLAN

DATE:

REVISION:

DRAWING No: C06



DRIVEWAY CONSTRUCTION AND CONCRETE WORKS

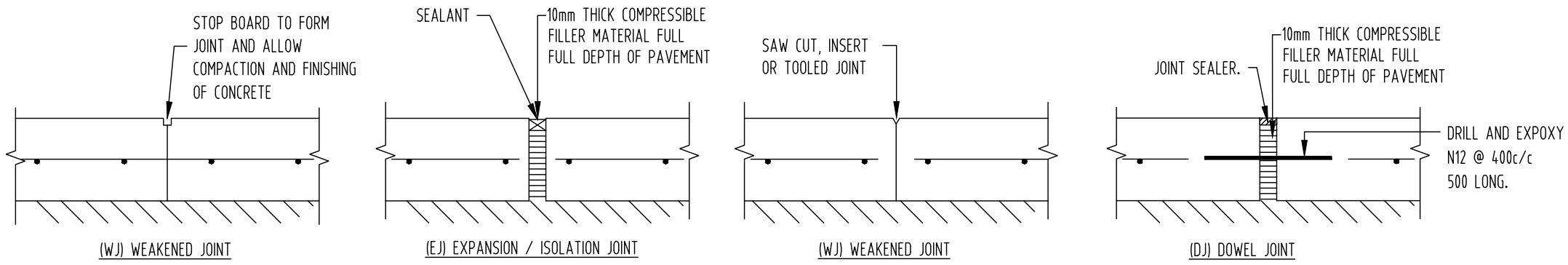
- GENERAL NOTES**
- THE COST OF OFF SITE CONCRETE WORKS ARE TO BE AT FULL COST TO THE DEVELOPER.
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 - 1500mm AWAY FROM STREET LIGHTS, PILLARS, SUBSTATIONS, AND BUS SHELTERS;
 - 3000mm AWAY FROM TREES;

- SPECIFICATION - DRIVEWAYS**
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 - ALL CONCRETE TO BE WATER CURED CONTINUOUSLY FOR 3 DAYS OR ALTERNATIVELY COATED WITH AN APPROVED CURING COMPOUND.

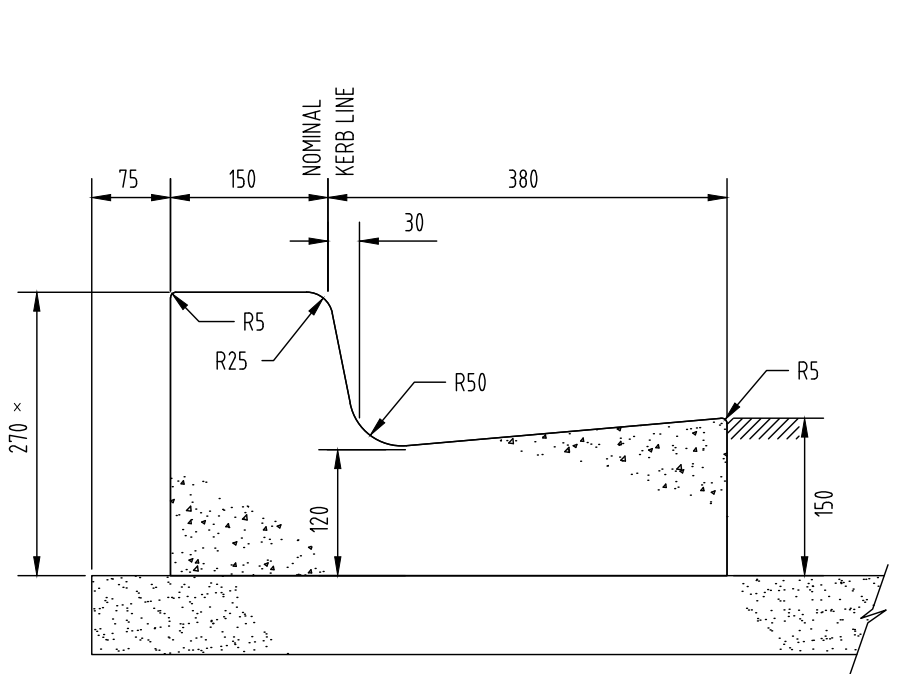
- SPECIFICATION - KERBS, FOOTPATHS AND MINOR WORKS**
- CONSTRUCTION OF CONCRETE KERBING, LAYBACKS AND FOOTPATHS SHALL BE DONE IN ACCORDANCE WITH TRANSPORT CANBERRA AND CITY SERVICES STANDARD DRAWINGS AND SPECIFICATIONS.
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DETAIL 1
SCALE 1:100
C06

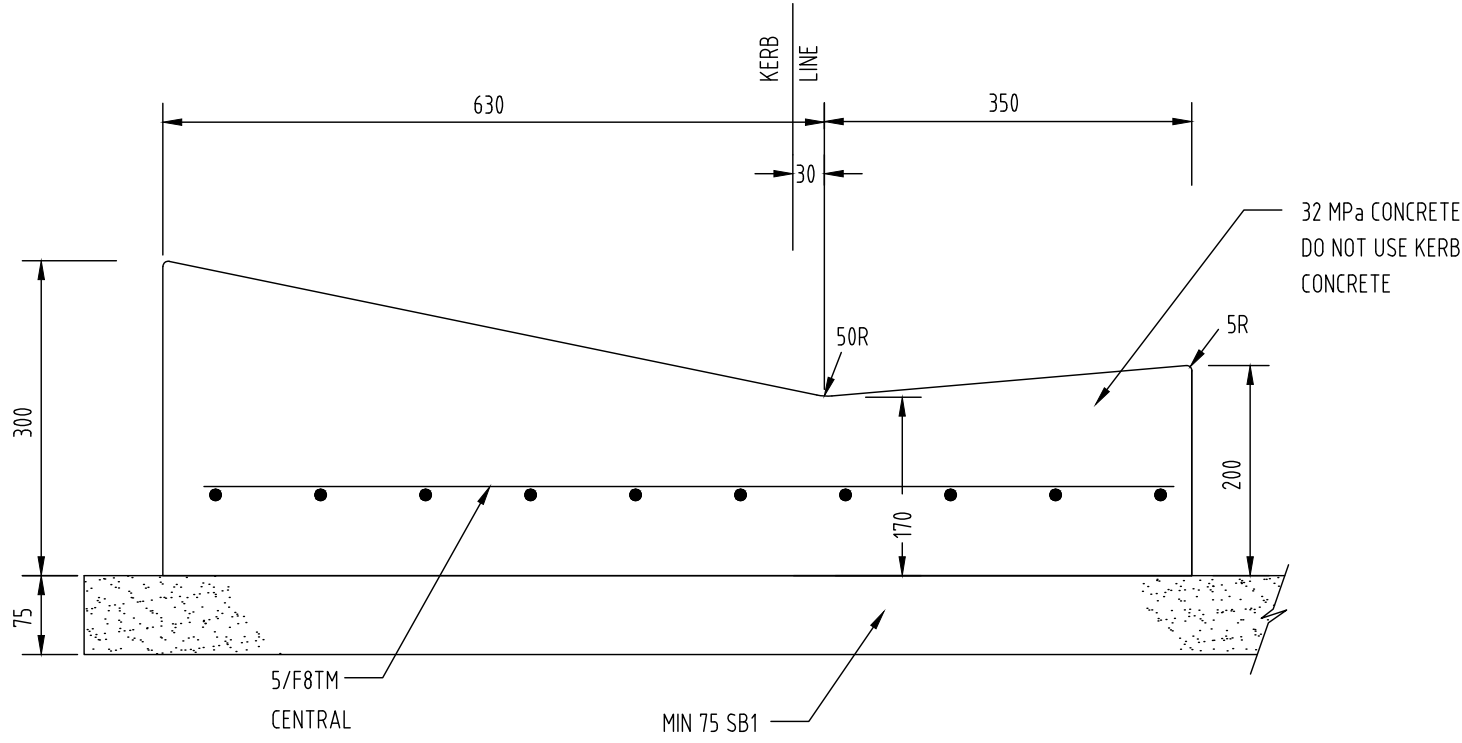
DETAIL 2
SCALE 1:100
C06



JOINT DETAILS

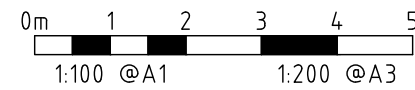


KERB & GUTTER (KG)
BARRIER KERB & GUTTER (BKG)
SCALE 1:10

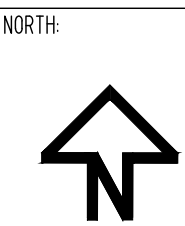


REINFORCED VEHICLE CROSSING
SCALE 1:10

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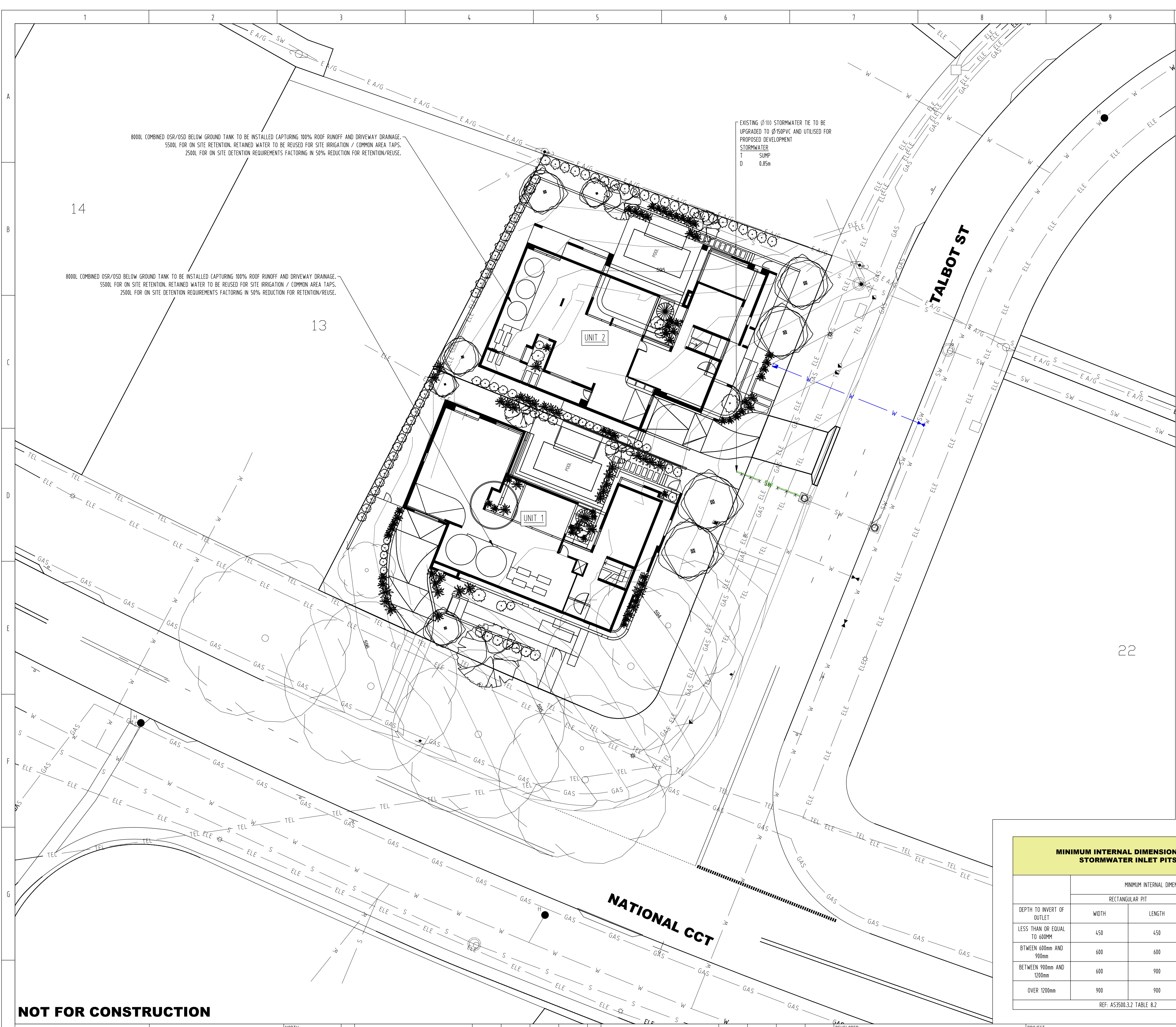
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A					L.K	F					
B						G					
C						H					
D						I					
E						J					

DEVELOPER: THEO KOUTSIKAMANIS
BUILDER: THEO KOUTSIKAMANIS

PROJECT: PROPOSED DUAL OCCUPANCY

SITE ADDRESS: BLOCK 12 SECTION 5 FORREST
20 TALBOT STREET
FORREST

SCALE: AS SHOWN
PROJECT No: 26-0534
DRAWING TITLE: CIVIL WORKS DETAILS PLAN
DATE: REVISION: DRAWING No: C07



This spread sheet is an online tool for individuals, designers and developers to gauge possible methods of reducing mains water consumption on Multi-unit developments. Please enter ALL the relevant information for your development before using the reduction percentage.

Percentage Reduction	=	41%
Indoor information		
Number of bedrooms in the entire complex		8
What is the water rating of the shower heads?		4 Star
What is the water rating of the clothes washing machines?		3 Star
What is the water rating of the dishwashers?		3 Star
What is the water rating of the toilets?		3 Star
Site information		
Site area (m²)?		1,787
Total Roof area (m²)?		654
Lawn area (m²)?		0
Irrigated garden area (m²)?		60
Imperveous pavement or driveway (m²)?		93
Rain water tank information		
Are there going to be water tanks installed?		Yes
What is the total size of all the tanks (L)?		11,000
What is the total roof area flowing into the tanks (m²)?		654
What will be the use for the water in the tanks?		Garden

WATER SENSITIVE URBAN DESIGN GENERAL CODE COMPLIANCE TABLE

RULE	PROPOSED COMPLIANCE MEASURES
1.1 - R1 - MANS WATER USE REDUCTION TARGET	40% REDUCTION ACHIEVED. SPREADSHEET ATTACHED.
2.1 - R2 - ONSITE STORMWATER RETENTION	800L COMBINED OSR/OSD BELOW GROUND TANK TO BE INSTALLED CAPTURING 100% ROOF RUNOFF AND DRIVEWAY DRAINAGE. 5500L FOR ON SITE RETENTION. RETAINED WATER TO BE REUSED FOR SITE IRRIGATION / COMMON AREA TAPS.
2.2 - R3 - ONSITE STORMWATER DETENTION	800L COMBINED OSR/OSD BELOW GROUND TANK TO BE INSTALLED CAPTURING 100% ROOF RUNOFF AND DRIVEWAY DRAINAGE. 2500L FOR ON SITE DETENTION REQUIREMENTS FACTORING IN 50% REDUCTION FOR RETENTION/REUSE.
2.3 - R4 - STORMWATER QUANTITY FOR MAJOR ROAD ON SITES OVER 2000M2	NOT APPLICABLE
2.4 ON-SITE STORMWATER DETENTION FOR ESTATE DEVELOPMENT PLANS	NOT APPLICABLE
3.1 - R6 - STORMWATER QUALITY TARGET- SITES GREATER THAN 2000M2	NOT APPLICABLE
3.2 - R7 - STORMWATER QUALITY TARGET - MAJOR ROADS	NOT APPLICABLE
4.1 NUISANCE FLOODING - SITES GREATER THAN 2000M2	NOT APPLICABLE
4.2 - R9 - GREEN/LIVING INFRASTRUCTURE	REFER TO LANDSCAPE PLANS
5.1 WATER INFRASTRUCTURE	NOT APPLICABLE

MINIMUM INTERNAL DIMENSIONS FOR STORMWATER INLET PITS

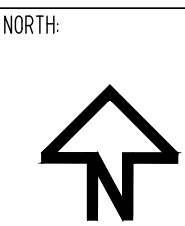
DEPTH TO INVERT OF OUTLET	MINIMUM INTERNAL DIMENSIONS		
	RECTANGULAR PIT		CIRCULAR DIAMETER
	WIDTH	LENGTH	
LESS THAN OR EQUAL TO 600mm	450	450	600
BETWEEN 600mm AND 900mm	600	600	900
BETWEEN 900mm AND 1200mm	600	900	1000
OVER 1200mm	900	900	1000

REF: AS3500.3.2 TABLE 8.2

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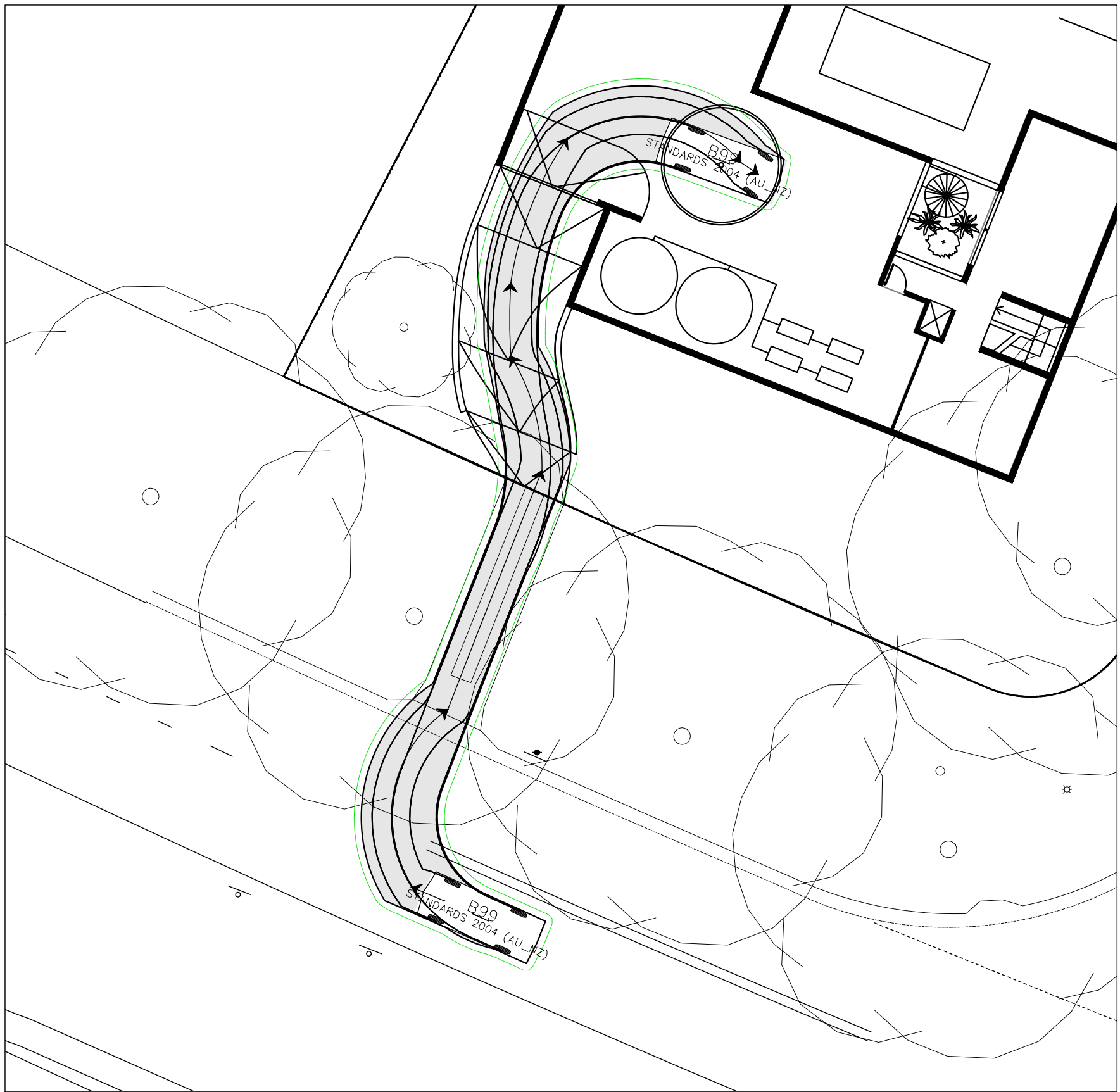
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C						H						
D						I						
E						J						

THEO KOUTSIKAMANIS
THEO KOUTSIKAMANIS

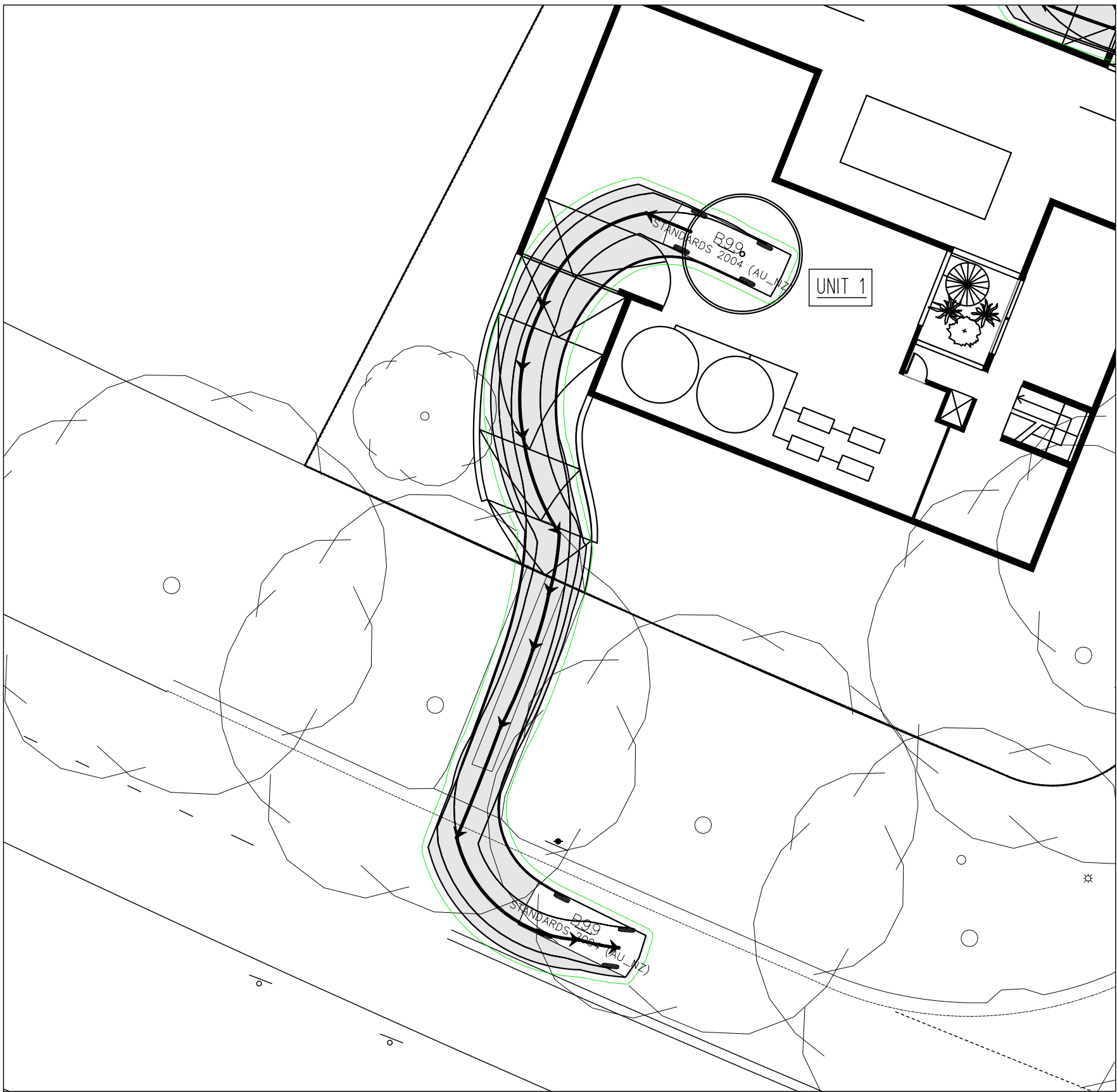
PROPOSED DUAL OCCUPANCY

SITE ADDRESS:
BLOCK 12 SECTION 5 FORREST
20 TALBOT STREET
FORREST

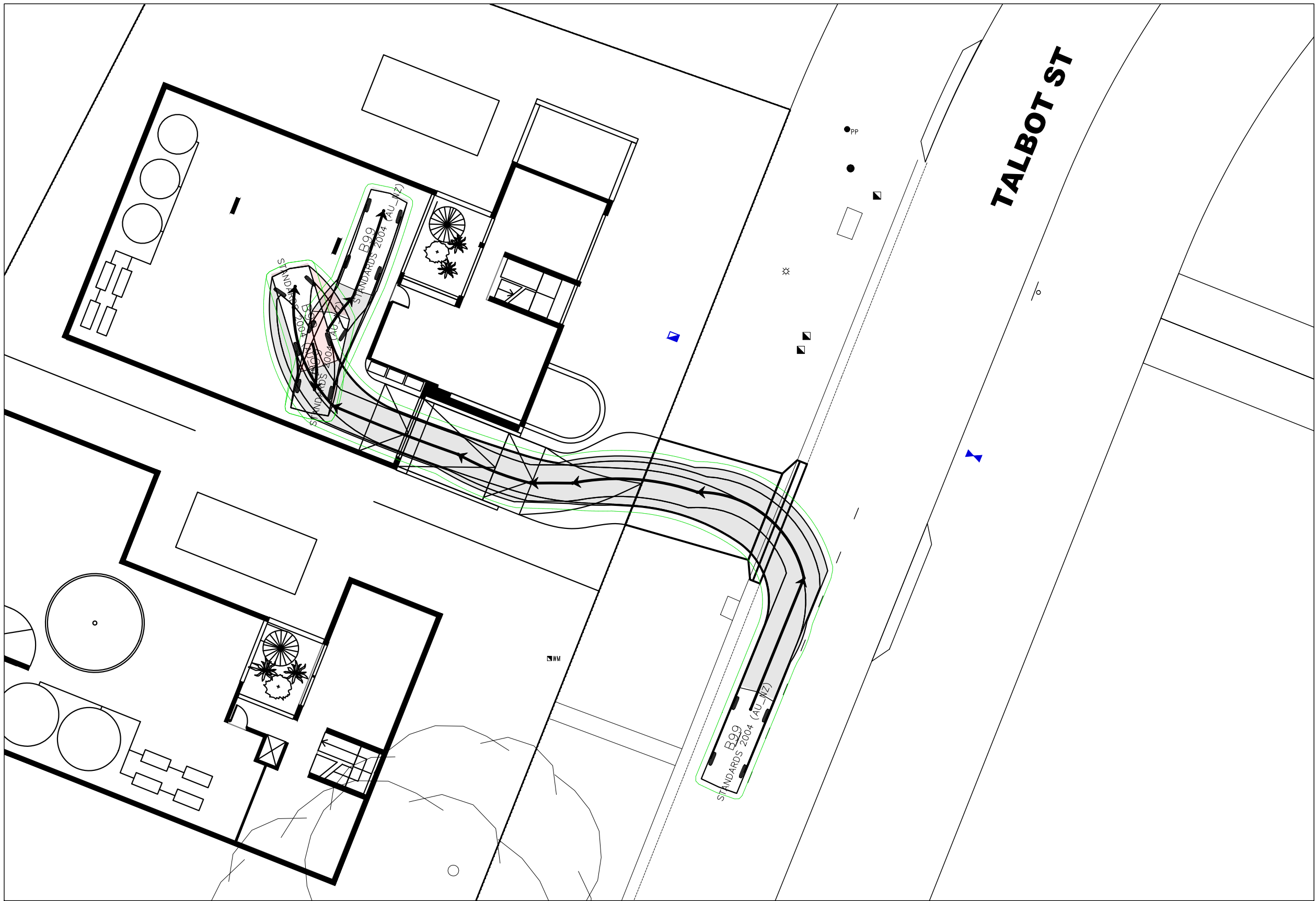
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PROJECT No: 26-0534
DRAWING TITLE: STORMWATER MANAGEMENT PLAN
DATE: REVISION:
DRAWING No: C08



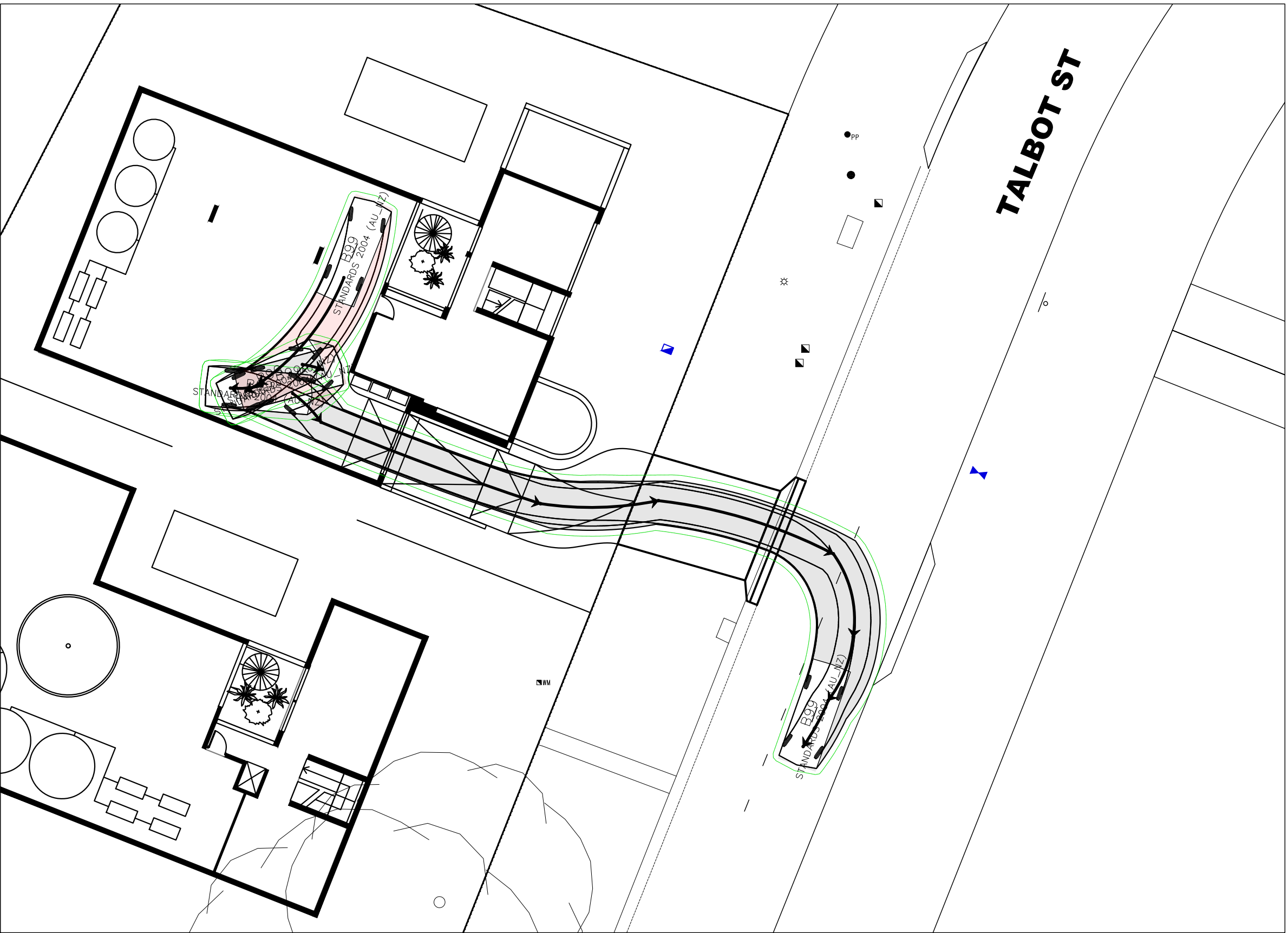
VEHICLE TURNING IN 1
SCALE:1:200



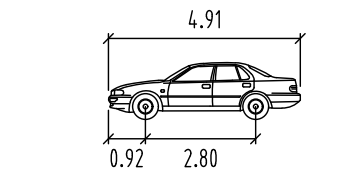
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SCALE:1:200



VEHICLE TURNING IN 2
SCALE:1:100

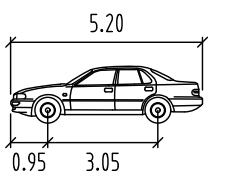


VEHICLE TURNING OUT 2
SCALE:1:100



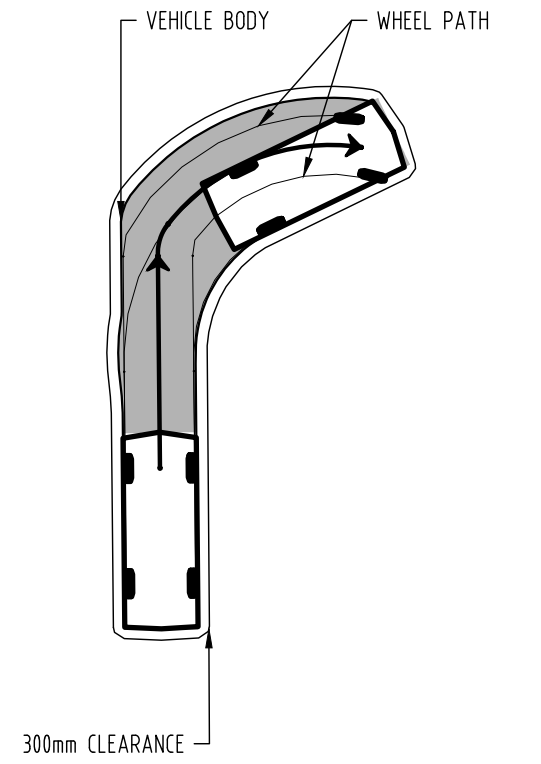
B85 DESIGN VEHICLE

Width : 1.87m
Track : 1.77m
Lock to Lock Time : 6.0m
Steering Angle : 34.1m

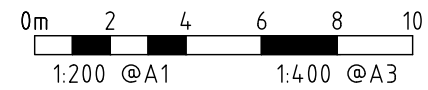


B89 DESIGN VEHICLE

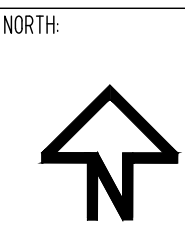
Width : 1.94m
Track : 1.84m
Lock to Lock Time : 6.0m
Steering Angle : 33.9m



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REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED
A					L.K.
B					
C					
D					
E					

REV	REVISION	DATE	DESIGNED	DRAWN	APPROVED
F					
G					
H					
I					
J					

DEVELOPER:
THEO KOUTSIKAMANIS
BUILDER:
THEO KOUTSIKAMANIS

PROJECT:
PROPOSED DUAL OCCUPANCY

SITE ADDRESS:
BLOCK 12 SECTION 5 FORREST
20 TALBOT STREET
FORREST

SCALE: AS SHOWN
PROJECT No: 26-0534
DATE: 26-0534
REVISION:
DRAWING TITLE:
VEHICLE TURNING PLAN

DRAWING No: C09

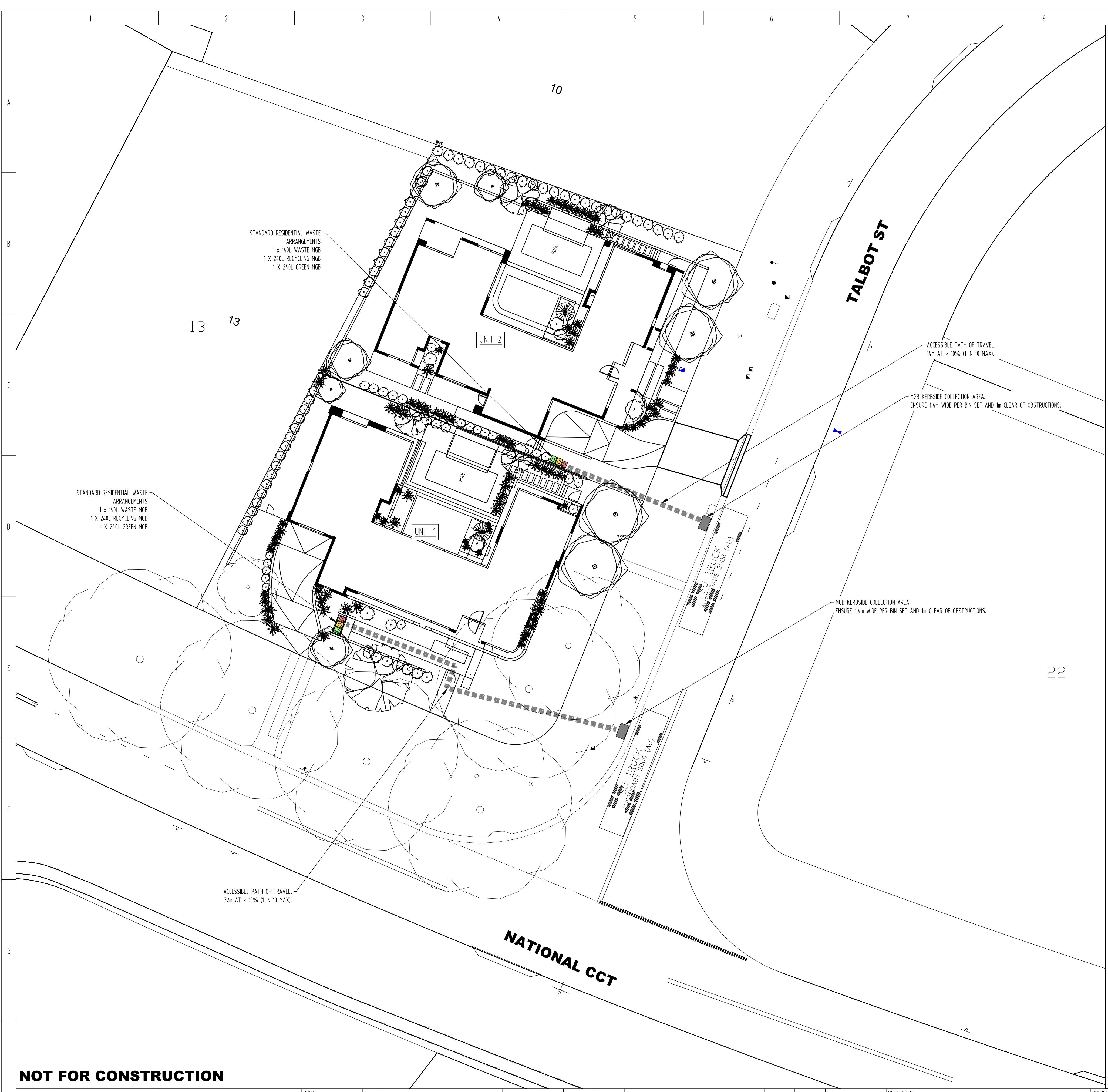
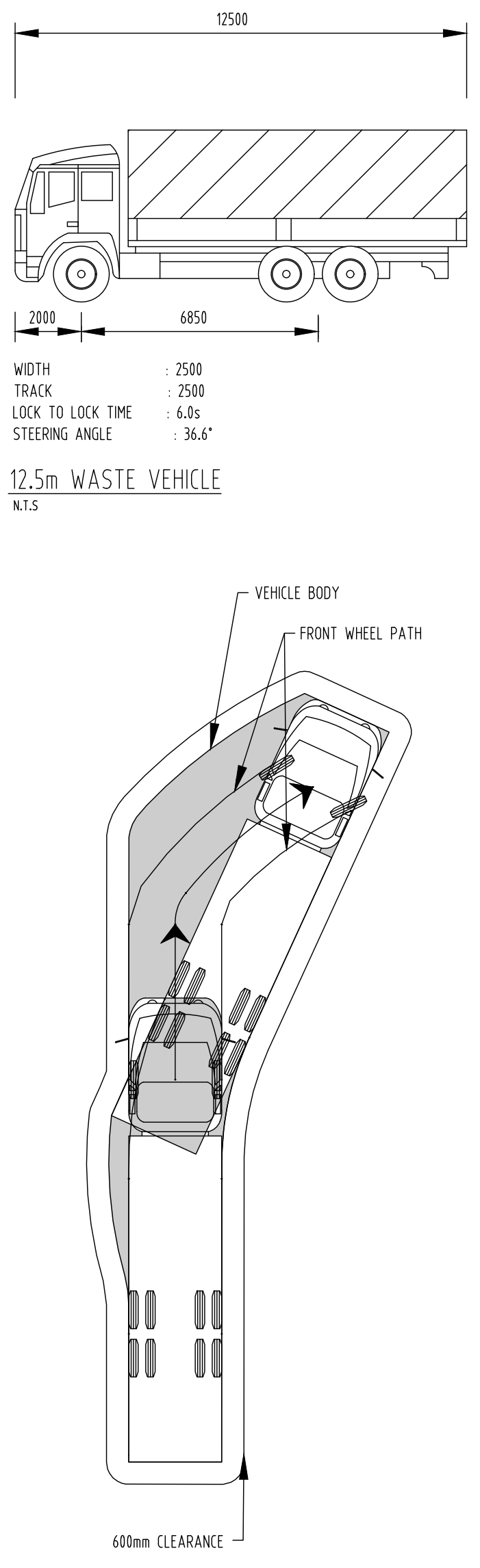


TABLE 3.3 SUBMISSION REQUIREMENTS FOR MGBS ALLOCATED TO EACH INDIVIDUAL DWELLING AND KERBSIDE COLLECTION FOR MULTI-UNIT RESIDENTIAL DEVELOPMENTS		
NUMBER	SUBMISSION REQUIREMENT	SUBMISSION RESPONSE
R1	EACH DEVELOPMENT APPLICATION MUST INCLUDE A COMPLETED COPY OF ALL RELEVANT PARTS OF THE WMP (SEE APPENDIX 10).	WMP HAS BEEN PREPARED
R2	TCCS SUBMISSION DOCUMENTS MUST INCLUDE PLANS, ELEVATIONS, SECTIONS AND WRITTEN DESCRIPTIONS OR SPECIFICATIONS, AS APPLICABLE, SHOWING:	EACH UNIT WITH THEIR OWN BIN SET STORED IN THEIR OWN P.O.S
R2.1	-TABULATED WASTE AND RECYCLING GENERATION RATES PER DWELLING SIZE (BEDROOMS) IN ACCORDANCE WITH TABLE 7.1.	EACH UNIT WITH THEIR OWN BIN SET STORED IN THEIR OWN P.O.S
R2.2	-THE LOCATION AND DIMENSIONS OF INDIVIDUAL WASTE AND RECYCLING AND GREEN WASTE STORAGE AREAS TO ACCOMMODATE THE TERRITORY-PROVIDED WASTE AND RECYCLING AND GREEN MGBS, WITH TABULATED CALCULATIONS TO DEMONSTRATE THE ADEQUACY OF THIS SPACE.	REFER TO DWG C10
R2.3	-THE PATH OF TRAVEL FOR MOVING MGBS FROM INDIVIDUAL WASTE AND RECYCLING AND GREEN WASTE STORAGE AREAS TO THE DESIGNATED COLLECTION POINT INDICATING DIMENSIONS AND CLEARANCES.	REFER TO DWG C10
R2.4	-THE LOCATION OF THE DESIGNATED COLLECTION POINT, DIMENSIONS OF THE AVAILABLE KERB FRONTAGE FOR THE DEVELOPMENT, CLEARANCES TO STREET TREES AND THE INDICATIVE MGB PRESENTATION LAYOUT TO ENSURE SUFFICIENT SPACE.	REFER TO DWG C10



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0m246810

1:200 @A11:400 @A3

NORTH

REV

REVISION

DATE

DESIGNED

DRAWN

APPROVED

L.K.

REV

REVISION

DATE

DESIGNED

DRAWN

APPROVED

DEVELOPER:

THEO KOUTSIKAMANIS

BUILDER:

THEO KOUTSIKAMANIS

PROJECT:

PROPOSED DUAL OCCUPANCY

SITE ADDRESS:

BLOCK 12 SECTION 5 FORREST
20 TALBOT STREET
FORREST

SCALE

AS SHOWN

PROJECT No:

26-0534

DRAWING TITLE:

WASTE COLLECTION PLAN

DATE:

REVISION:

DRAWING No:

C10

NOT FOR CONSTRUCTION

1

2

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4

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12