

LEGEND

- SE — EXISTING SEWER RETICULATION
- WE — EXISTING WATER SERVICE
- Exist. WM
● Exist. TAP EXISTING WATERMETER AND TAP.
- WM
● TAP NEW WATERMETER AND TAP
- ☁ EXISTING STREET TREES (H=3-4m)
- KEP STORMWATER KERB ENTRY PIT
- E ELECTRICITY PIT
- N NBN COMMUNICATION PIT

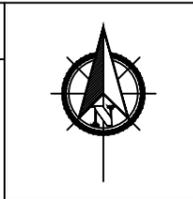
GENERAL NOTES

1. CONTOURS SHOWN ARE FROM WAX SURVEY. CONTOUR INTERVAL 1.0m
2. WAX INFORMATION FOR WATER RETICULATION IS FROM SUMMARY PLAN BY CIVILTECH FOR STAGE 6 WORKS, DWG NO. 1002-SWAX33. NOTE INFORMATION SHOWN ON THIS PLAN REGARDING THE ROAD CROSSING, WHICH WAS CONSTRUCTED IN STAGE 5, VERIFIED BY THE CIVIL CONTRACTOR.
3. ALL WATER RETICULATION CONSTRUCTION TO BE IN ACCORDANCE WITH NRLG DEVELOPMENT DESIGN SPECIFICATION - D11, DEVELOPMENT CONSTRUCTION SPECIFICATION - C401 & WSAA REQUIREMENTS.
4. WATER SERVICE TO BE 32Ø PE 80B PN16 MANUFACTURED IN ACCORDANCE WITH AS 4130. ALL FITTINGS ARE TO COMPLY WITH AS 4129.
5. WATER SERVICE IS TO EXTEND MIN. 300mm INSIDE PROPERTY BOUNDARY.
6. HOUSE SERVICE CONNECTION TO BE READYTAP SYSTEM TYPE INSTALLED AT THE TIME OF PIPELINE CONSTRUCTION.

NOTE: NOT ALL UNDERGROUND SERVICES ARE SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIAL-BEFORE-YOU-DIG AND LOCATING ALL SERVICES ONSITE PRIOR TO CONSTRUCTION

PROPOSED 2 LOT SUBDIVISION OF LOT 128

linear scale 1:200



WATER MAIN EXTENSION PLAN
 LOT 128 COCKATOO CIRCUIT, MULLUMBIMBY, 2482

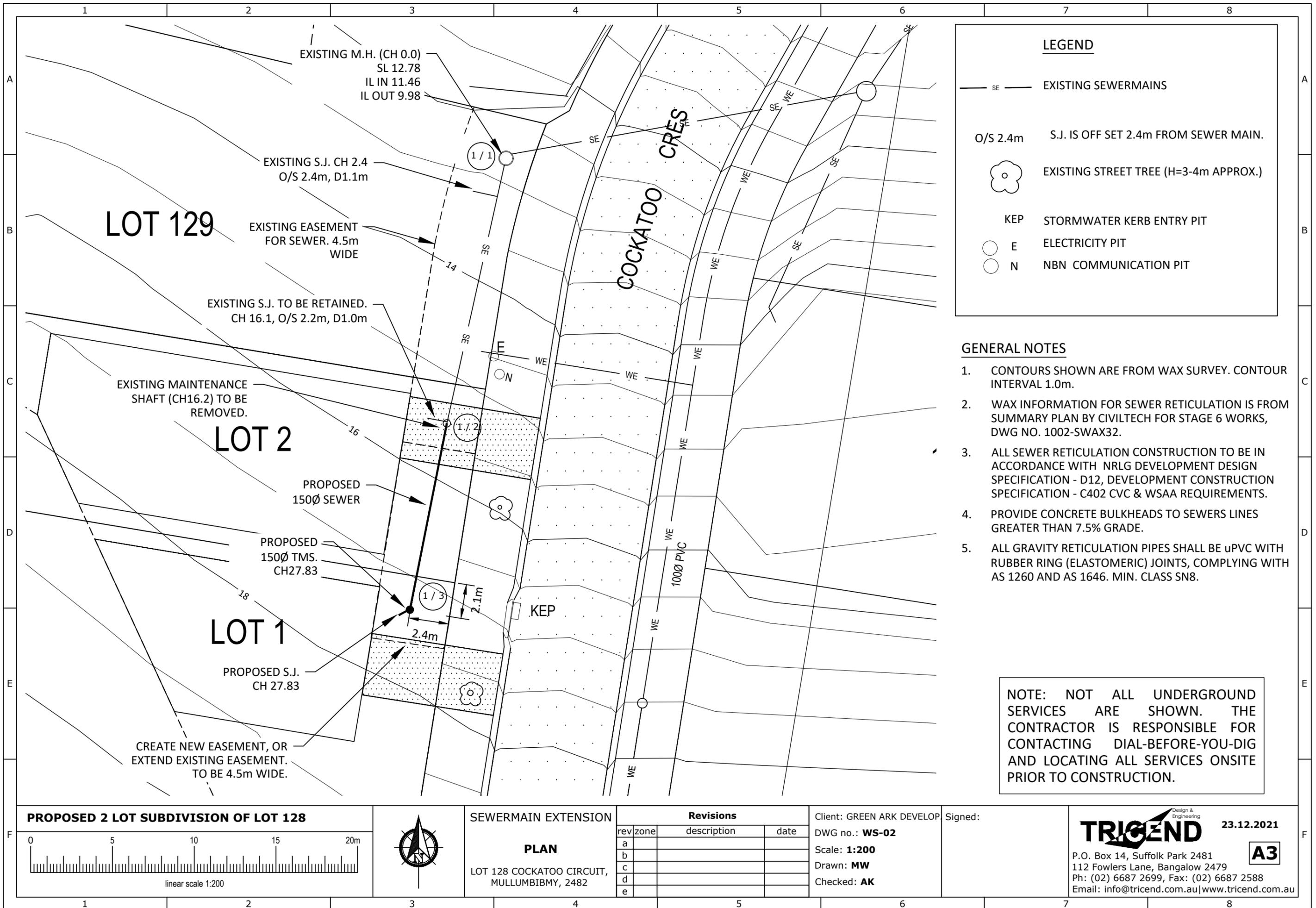
| Revisions | | |
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| rev | zone | description |
| a | | |
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Client: GREEN ARK DEVELOP
 DWG no.: **WS-01**
 Scale: **1:200**
 Drawn: **MW**
 Checked: **AK**

Signed: _____

TRIGEND Design & Engineering
 23.12.2021
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A3



LEGEND

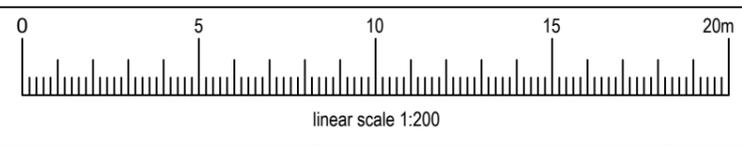
- SE — EXISTING SEWERMAINS
- O/S 2.4m S.J. IS OFF SET 2.4m FROM SEWER MAIN.
- EXISTING STREET TREE (H=3-4m APPROX.)
- KEP STORMWATER KERB ENTRY PIT
- E ELECTRICITY PIT
- N NBN COMMUNICATION PIT

GENERAL NOTES

1. CONTOURS SHOWN ARE FROM WAX SURVEY. CONTOUR INTERVAL 1.0m.
2. WAX INFORMATION FOR SEWER RETICULATION IS FROM SUMMARY PLAN BY CIVILTECH FOR STAGE 6 WORKS, DWG NO. 1002-SWAX32.
3. ALL SEWER RETICULATION CONSTRUCTION TO BE IN ACCORDANCE WITH NRLG DEVELOPMENT DESIGN SPECIFICATION - D12, DEVELOPMENT CONSTRUCTION SPECIFICATION - C402 CVC & WSAA REQUIREMENTS.
4. PROVIDE CONCRETE BULKHEADS TO SEWERS LINES GREATER THAN 7.5% GRADE.
5. ALL GRAVITY RETICULATION PIPES SHALL BE uPVC WITH RUBBER RING (ELASTOMERIC) JOINTS, COMPLYING WITH AS 1260 AND AS 1646. MIN. CLASS SN8.

NOTE: NOT ALL UNDERGROUND SERVICES ARE SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIAL-BEFORE-YOU-DIG AND LOCATING ALL SERVICES ONSITE PRIOR TO CONSTRUCTION.

PROPOSED 2 LOT SUBDIVISION OF LOT 128



SEWERMAIN EXTENSION
PLAN
LOT 128 COCKATOO CIRCUIT,
MULLUMBIMBY, 2482

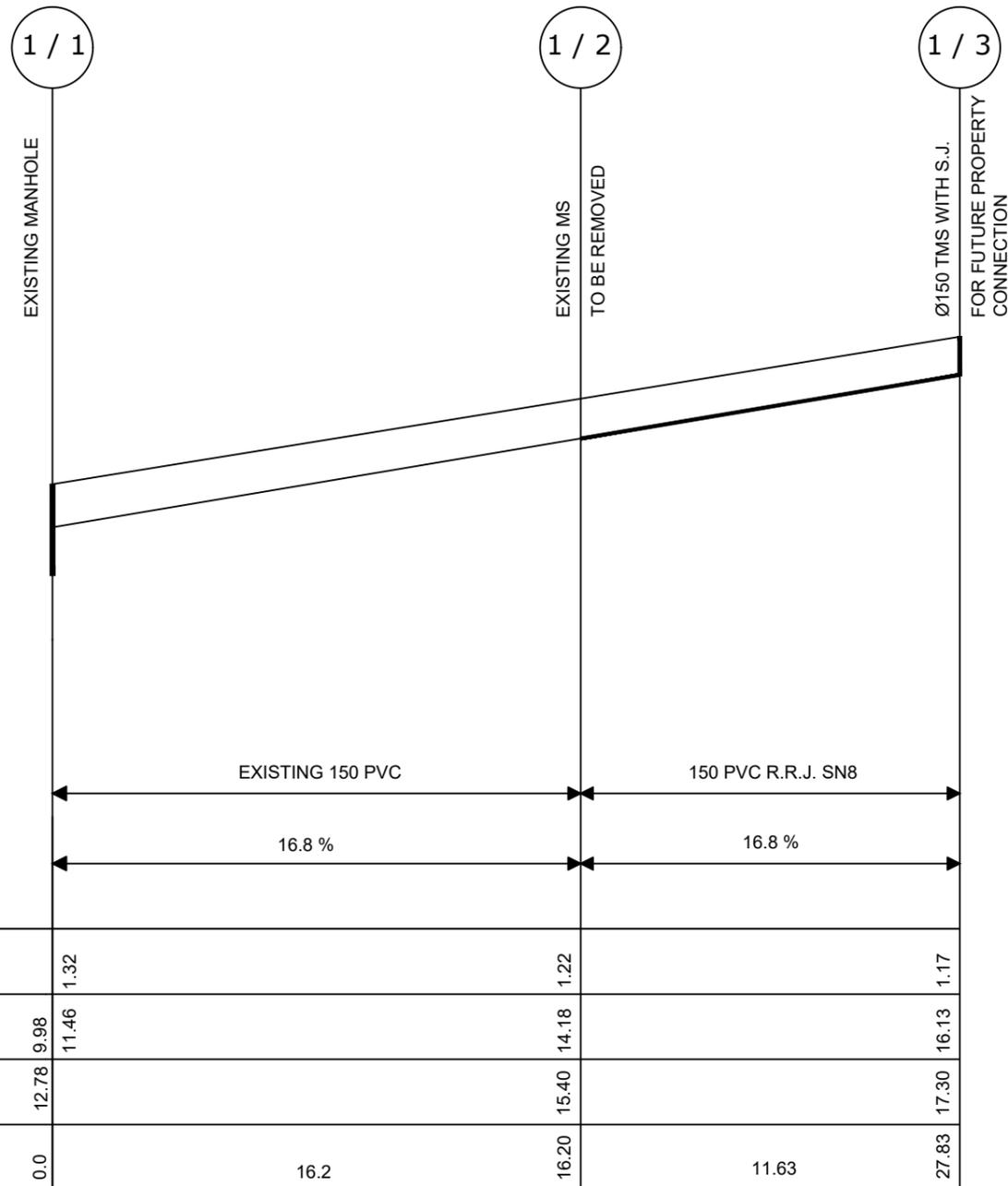
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| e | | |

Client: GREEN ARK DEVELOP
DWG no.: **WS-02**
Scale: **1:200**
Drawn: **MW**
Checked: **AK**

Signed:

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23.12.2021
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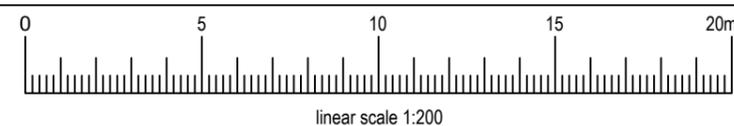
GENERAL NOTES

1. PROPERTY CONNECTION ON THE TERMINAL MAINTENANCE SHAFT TO BE CONSTRUCTED IN ACCORDANCE WITH WSAA STD DRAWING SEW-1316
2. TMS'S HAVING uPVC CHAMBERS SHALL BE PROVIDED WITH 20 MPa MASS CONCRETE ENCASING 150MM THICK AROUND THE CHAMBER. REFER TO NRLG DESIGN SPECIFICATION MANUAL - D12.

NOTE: NOT ALL UNDERGROUND SERVICES ARE SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING DIAL-BEFORE-YOU-DIG AND LOCATING ALL SERVICES ONSITE PRIOR TO CONSTRUCTION.

SEWER LONGSECTION
HORIZONTAL SCALE 1:200 VERTICAL SCALE 1:400

PROPOSED 2 LOT SUBDIVISION OF LOT 128



SEWERMAIN EXTENSION

LONGSECTION

LOT 128 COCKATOO CIRCUIT,
MULLUMBIMBY, 2482

Revisions

| rev | zone | description | date |
|-----|------|-------------|------|
| a | | | |
| b | | | |
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| d | | | |
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Client: GREEN ARK DEVELOP

DWG no.: **WS-03**

Scale: **1:200**

Drawn: **MW**

Checked: **AK**

Signed:



23.12.2021

A3

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GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR TO NOTIFY COUNCIL ENGINEER FOR INSPECTION:
 - i) PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - ii) WHEN EACH STAGE OF THE WORK IS COMPLETED.
2. CONTRACTOR TO ENSURE THAT THEY ARE FAMILIAR WITH THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. CONTRACTOR TO CARRY OUT ALL WORKS IN ACCORDANCE WITH COUNCIL'S STANDARD SPECIFICATIONS AND CONSENT REQUIREMENTS.
4. VEHICULAR ACCESSES AND ALL SERVICES TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY THE WORKS. PARTICULAR ATTENTION IS TO BE GIVING TO MINIMISATION OF DISRUPTION TO LOCAL TRAFFIC AND EXISTING SERVICES ALONG THE ROAD WHERE PROPOSED CIVIL WORKS ARE INTENDED.
5. CONTRACTOR TO PROVIDE TRAFFIC CONTROL WHICH COMPLIES WITH A.S. 1742.3 (1995), WHILST WORKING ON COUNCIL ROADS AND/OR WITHIN COUNCIL ROAD RESERVES.

SERVICES & UTILITIES:

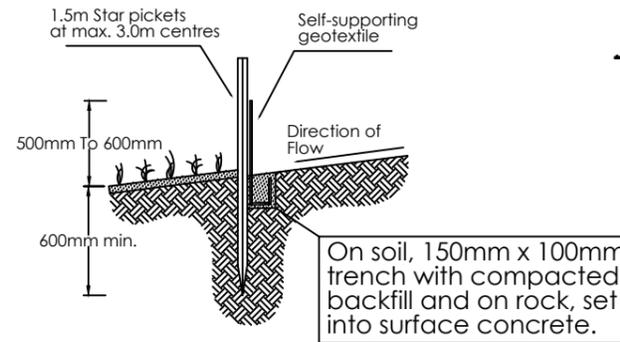
1. EXISTING AND PROPOSED SERVICES & UTILITIES LAYOUT IS DIAGRAMMATIC ONLY AND MAY NOT REPRESENT ACTUAL LOCATION OF PROPOSED PIPES AND DRAINAGE INFRASTRUCTURE.
2. CONTRACTOR IS TO VERIFY LOCATION OF EXISTING SERVICES & UTILITIES PRIOR TO COMMENCEMENT OF PROPOSED WORKS.
3. ALL STORMWATER WORKS ARE TO BE IN ACCORDANCE WITH AS 3500.3
4. STORMWATER PVC PIPES SHALL BE INSTALLED IN ACCORDANCE WITH AS2566.2 WITH MINIMUM COVER IN LANDSCAPE AREAS OF 300MM AND 450MM UNDER DRIVEWAYS AND TRAFFICABLE AREAS.
5. STORMWATER MINIMUM PIPE GRADE IS 1% UNLESS NOTED OTHERWISE.

SEDIMENT AND EROSION CONTROL

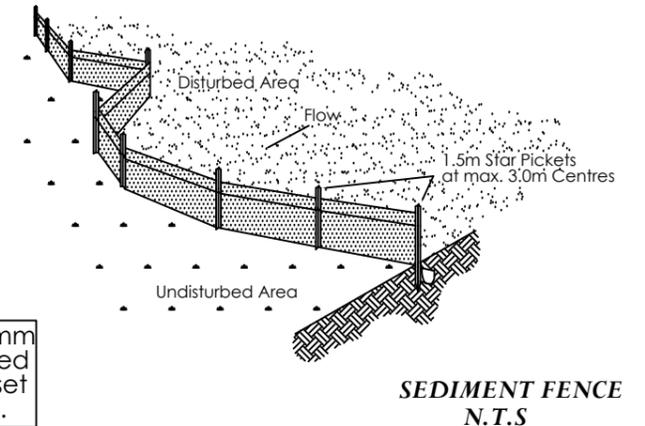
1. ALL SEDIMENT CONTROL WORKS AS SPECIFIED OR DIRECTED BY COUNCIL ARE TO BE CONSTRUCTED PRIOR TO COMMENCEMENT OF OTHER SITE WORKS, AND ARE TO BE MAINTAINED IN PLACE UNTIL COMPLETION OF

CONSTRUCTION. PRIOR TO COMMENCEMENT OF WORKS, COUNCIL IS TO BE SATISFIED THAT SEDIMENT AND EROSION CONTROL DEVICES HAVE BEEN INSTALLED IN ACCORDANCE WITH CONSENT CONDITIONS AND INDUSTRY GUIDELINES SUCH AS; SOILS & CONSTRUCTION - THE HIP POCKET HANDBOOK (LANDCOM, 2003).

2. EROSION AND SEDIMENTATION CONTROLS ARE TO BE IN PLACE IN ACCORDANCE WITH THE GUIDELINES FOR EROSION & SEDIMENT CONTROL ON BUILDING SITES. A COPY MAY BE DOWNLOADED FROM COUNCIL'S WEB SITE.
3. TEMPORARY OR PERMANENT DOWNPIPES SHOULD BE INSTALLED AT THE SAME TIME AS THE ROOF IS INSTALLED. THE EARLY CONNECTION OF DOWNPIPES TO THE STORMWATER SYSTEM WILL REDUCE SITE DRAINAGE PROBLEMS
4. SILT FENCE, OR STRAY BALES ARE TO BE USED AS SEDIMENT BARRIER ON THE DOWNSTREAM SIDE OF AREAS THAT ARE DISTURBED DUE TO BUILDING WORKS. STRAY BALES CAN BE USED ON CONCRETE AND ROCKY SOILS AND CAN BE WRAPPED IN FILTER FABRIC FOR INCREASED EFFECTIVENESS AND LONGEVITY.
5. SEDIMENT AND EROSION CONTROL MEASURES MUST BE MAINTAINED AT ALL TIMES UNTIL THE SITE HAS BEEN STABILISED BY PERMANENT VEGETATION COVER OR HARD SURFACES.

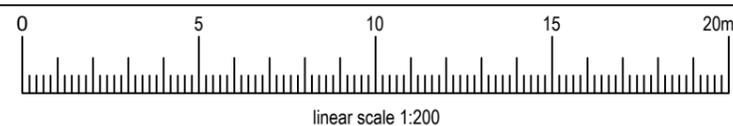


SECTION DETAIL



SEDIMENT FENCE
N.T.S

PROPOSED 2 LOT SUBDIVISION OF LOT 128



GENERAL NOTES

LOT 128 COCKATOO CIRCUIT,
MULLUMBIMBY, 2482

Revisions

| rev | zone | description | date |
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| a | | | |
| b | | | |
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Client: GREEN ARK DEVELOP

DWG no.: **WS-04**

Scale: **1:200**

Drawn: **MW**

Checked: **AK**

Signed:

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