

- LEGEND:**
- 150- Denotes Major Contours
 - Denotes Minor Contours
 - Denotes Waterways
 - Denotes Roads
 - Denotes Vegetation
 - Denotes Title Boundaries

NOTE:
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CONTRACTORS SHALL VERIFY ALL CRITICAL DIMENSIONS ON SITE AND NOTIFY THE SUPERINTENDANT OF ANY DISCREPANCIES.

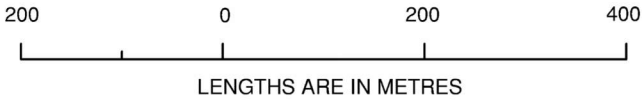
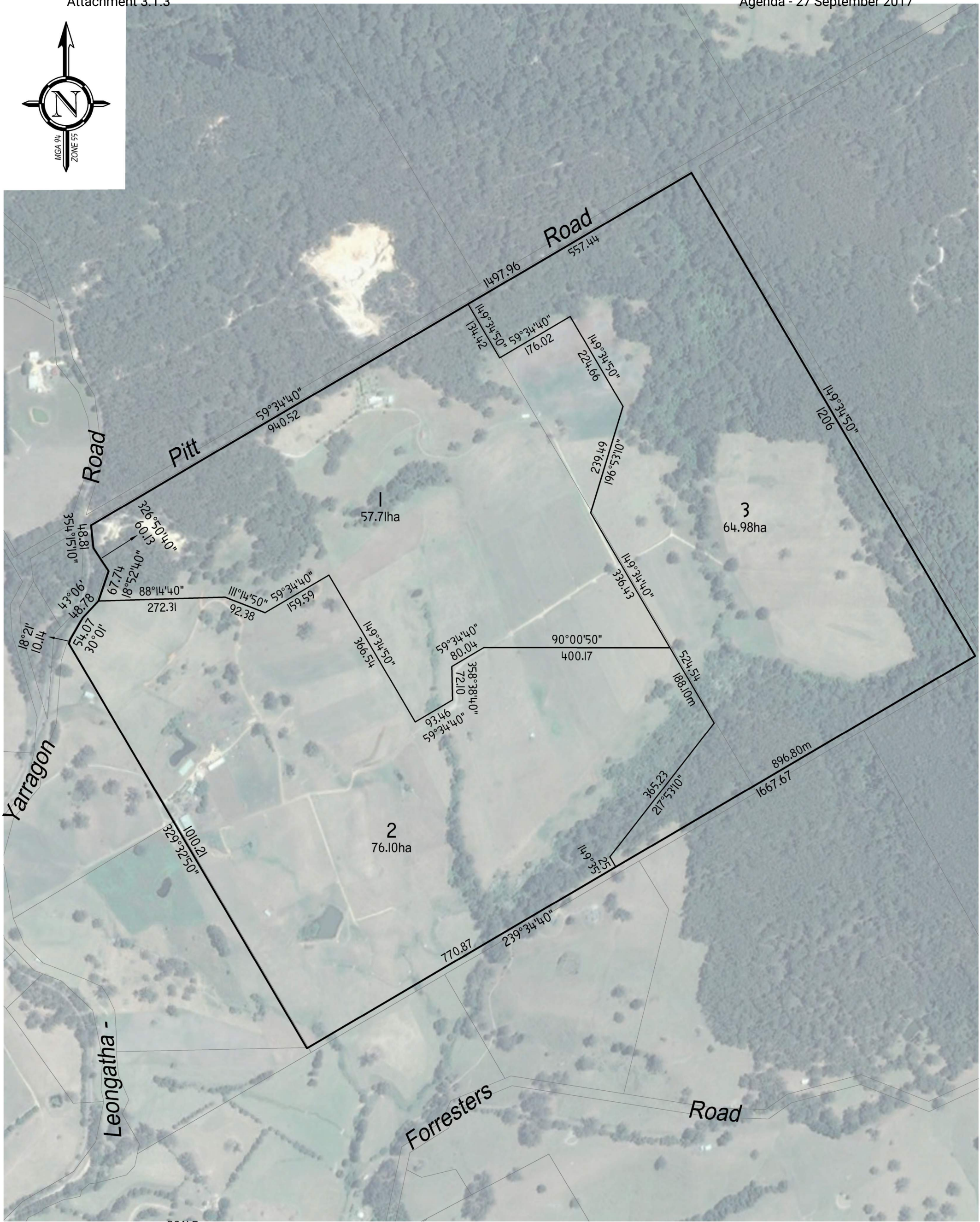
FocusCDS Consultants
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Ph: 03 8794 9911 Fax: 03 8794 9922 Mob: 0418 103 182
jkradan@focuscds.com.au Web: www.focuscds.com.au



PROJECT:
Proposed Broiler Farm
80 Pitt Road
Wooreen
CLIENT:
Chicken Farms Australia Pty Ltd

DRAWING TITLE:
Figure I
Location and
Topographic Plan

SCALE:
1:15000 @ A3
REVISION:
B 24-01-2017
DRAWING No:
7134 BF 01



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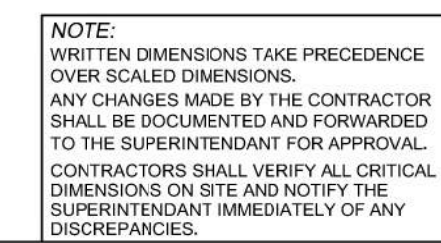
PROJECT:
**Proposed Broiler Farm
80 Pitt Road
Wooreen**
CLIENT:
Chicken Farms Australia Pty Ltd

DRAWING TITLE:
**Figure 2
Proposed Subdivision Plan**

SCALE:
1:7500 @ A3
REVISION:
C 26-04-2016
DRAWING No:
7134 BF 02



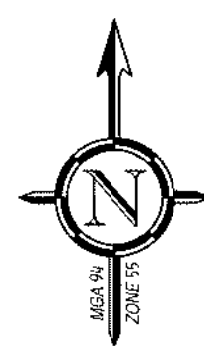
As the Aerial Image covers such a large area there will be scaling and distortion to the image resulting in differences with features shown.



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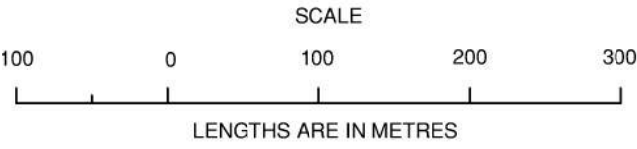
	PROJECT:
	Proposed Broiler Farm 80 Pitt Road Wooreen
	CLIENT:
	Chicken Farms Australia Pty Ltd

SCALE:	1:7500 @ AI
REVISION:	C 18-05-2017
DRAWING No:	134 BF03



IMPORTANT NOTE

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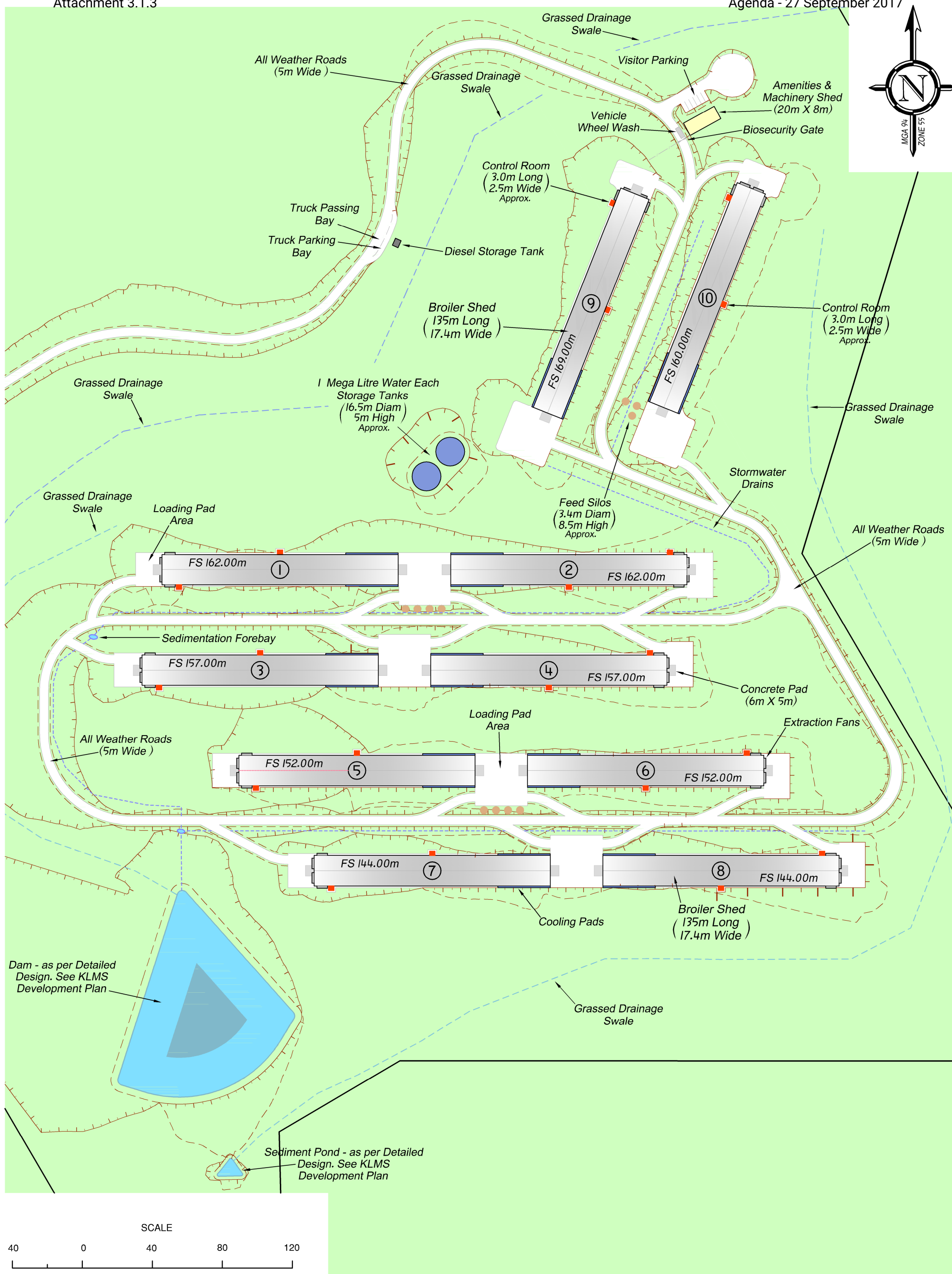
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PROJECT:
Proposed Broiler Farm
80 Pitt Road
Wooreen
CLIENT:
Chicken Farms Australia Pty Ltd

DRAWING TITLE:
Figure 4
Site Plan

SCALE:
1:5000 @ A1
REVISION:
D 19-05-2017
DRAWING No:
7134 BF04



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PROJECT:

Proposed Broiler Farm
80 Pitt Road
Wooreen

CLIENT:

Chicken Farms Australia Pty Ltd

DRAWING TITLE:

Figure 5
Farm Layout Plan

SCALE:

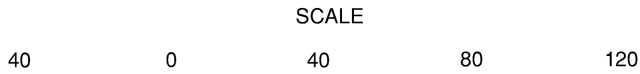
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REVISION:

C 19-05-2017

DRAWING No:

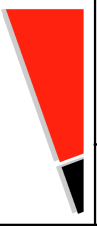
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LENGTHS ARE IN METRES
Ordinary Meeting of Council No. 416 - 27 September 2017

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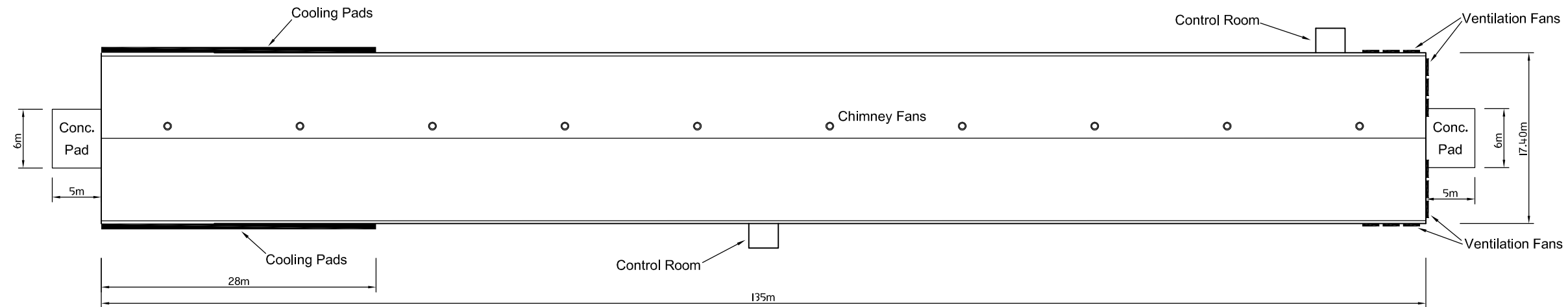
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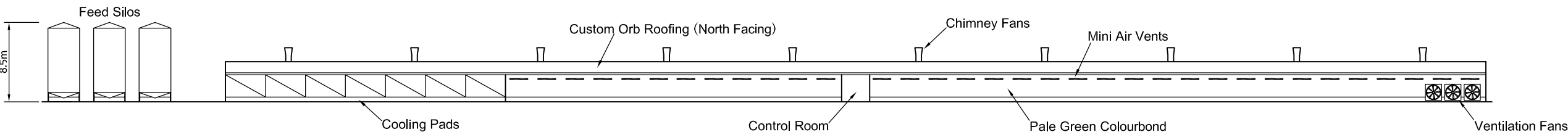
PROJECT:
Proposed Broiler Farm
80 Pitt Road
Wooreen
CLIENT:
Chicken Farms Australia Pty Ltd

DRAWING TITLE:
Figure 6
Access Road Plan

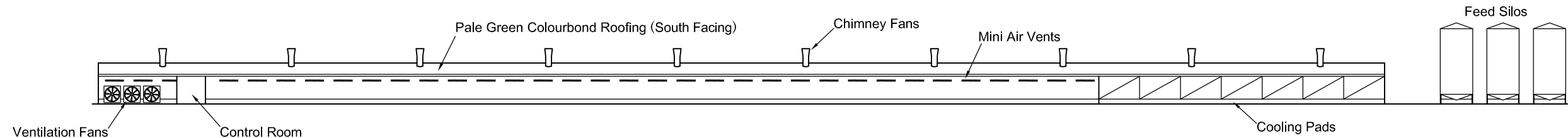
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REVISION:
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DRAWING No:
7134 BP 06



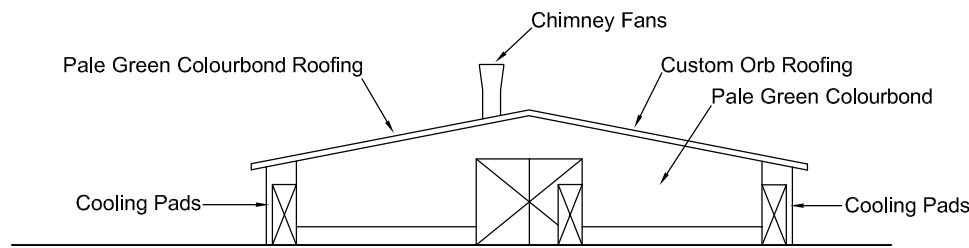
TYPICAL FLOOR PLAN
Scale 1:500



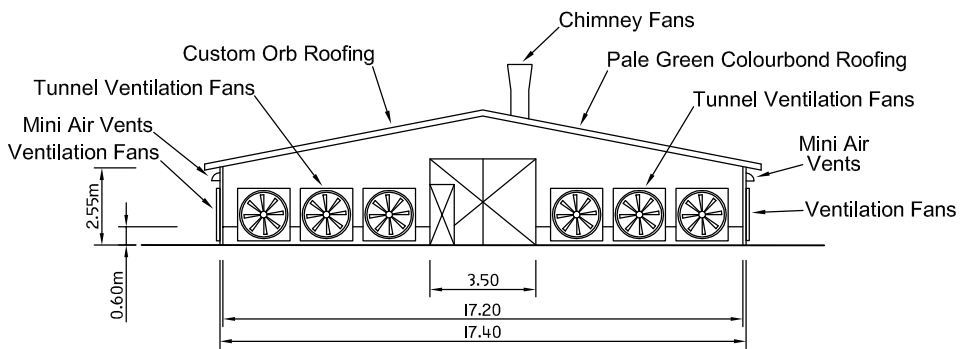
TYPICAL ELEVATION 1
Scale 1:500



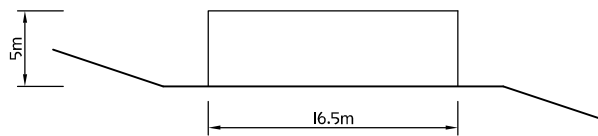
TYPICAL ELEVATION 2
Scale 1:500



COOL PAD END ELEVATION
Scale 1:250



FAN END ELEVATION
Scale 1:250



WATER TANK ELEVATION
Scale 1:500
Ordinary Meeting of Council No. 416 - 27 September 2017

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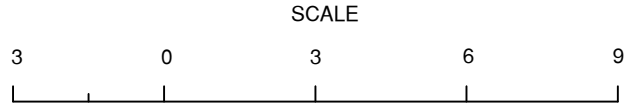
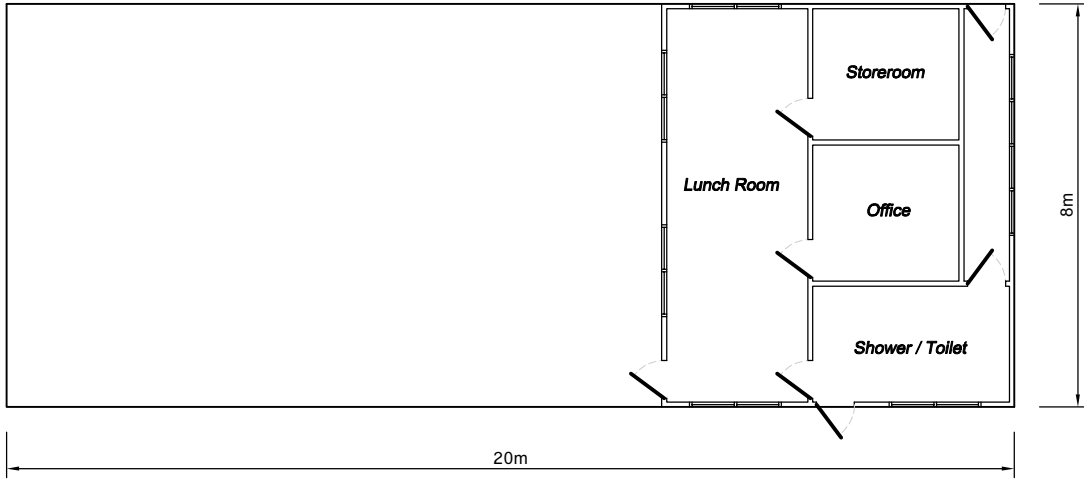
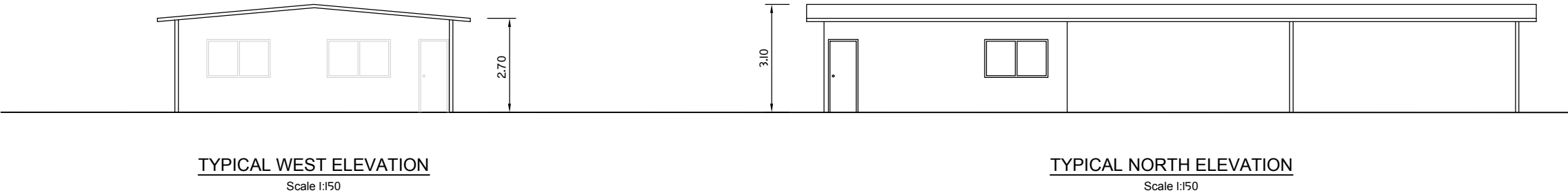
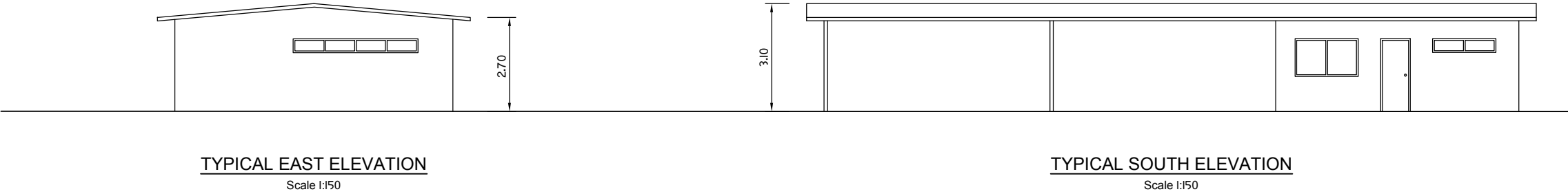
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PROJECT:
Proposed Broiler Farm
80 Pitt Road
Wooreen
CLIENT:
Chicken Farms Australia Pty Ltd

DRAWING TITLE:
Figure 7
Floor Plan and Elevations
Broiler Sheds

SCALE:
1:500 @ A3
REVISION:
C 19-05-2017
DRAWING No:
7134 BP 07



LENGTHS ARE IN METRES
Ordinary Meeting of Council No. 416 - 27 September 2017

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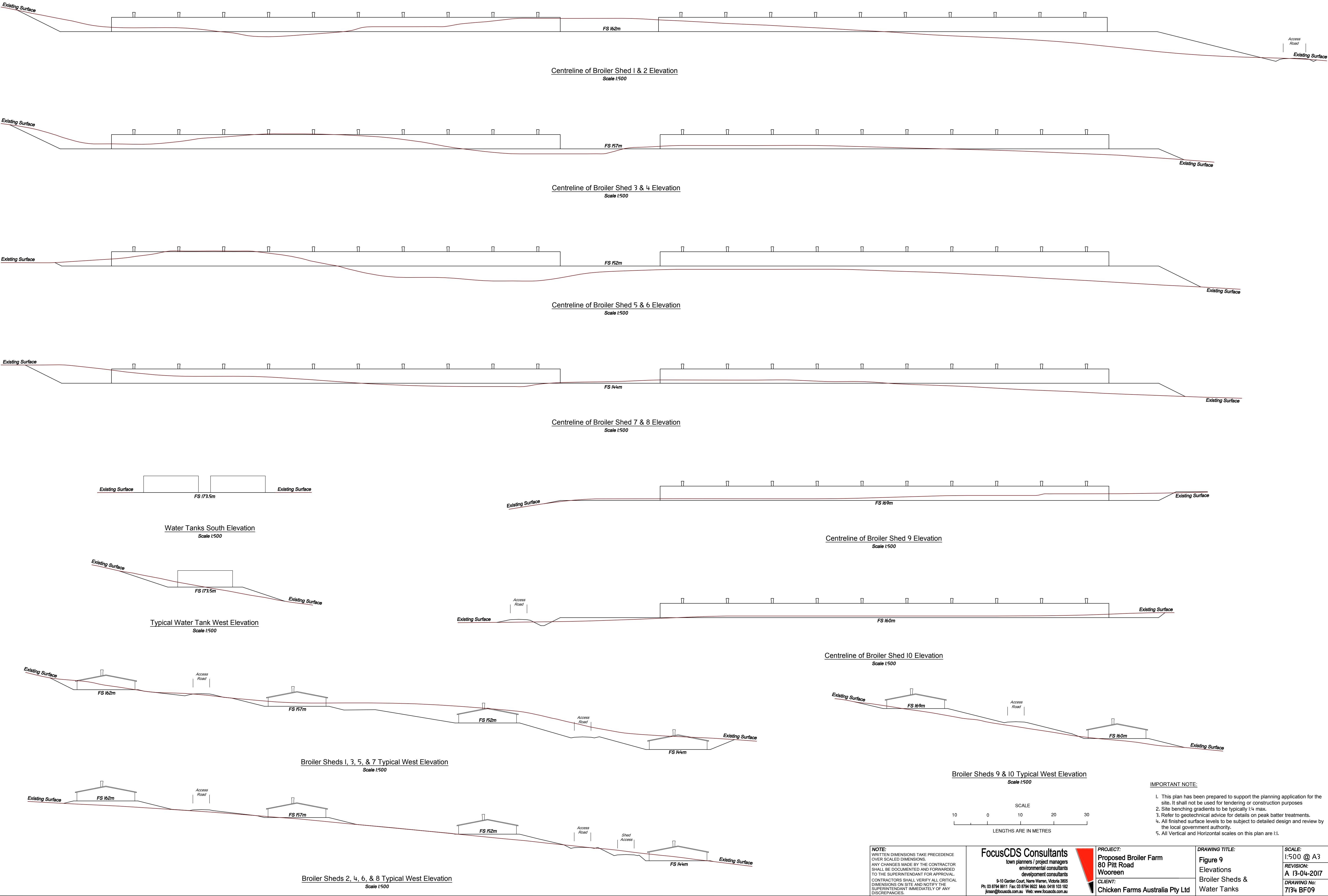
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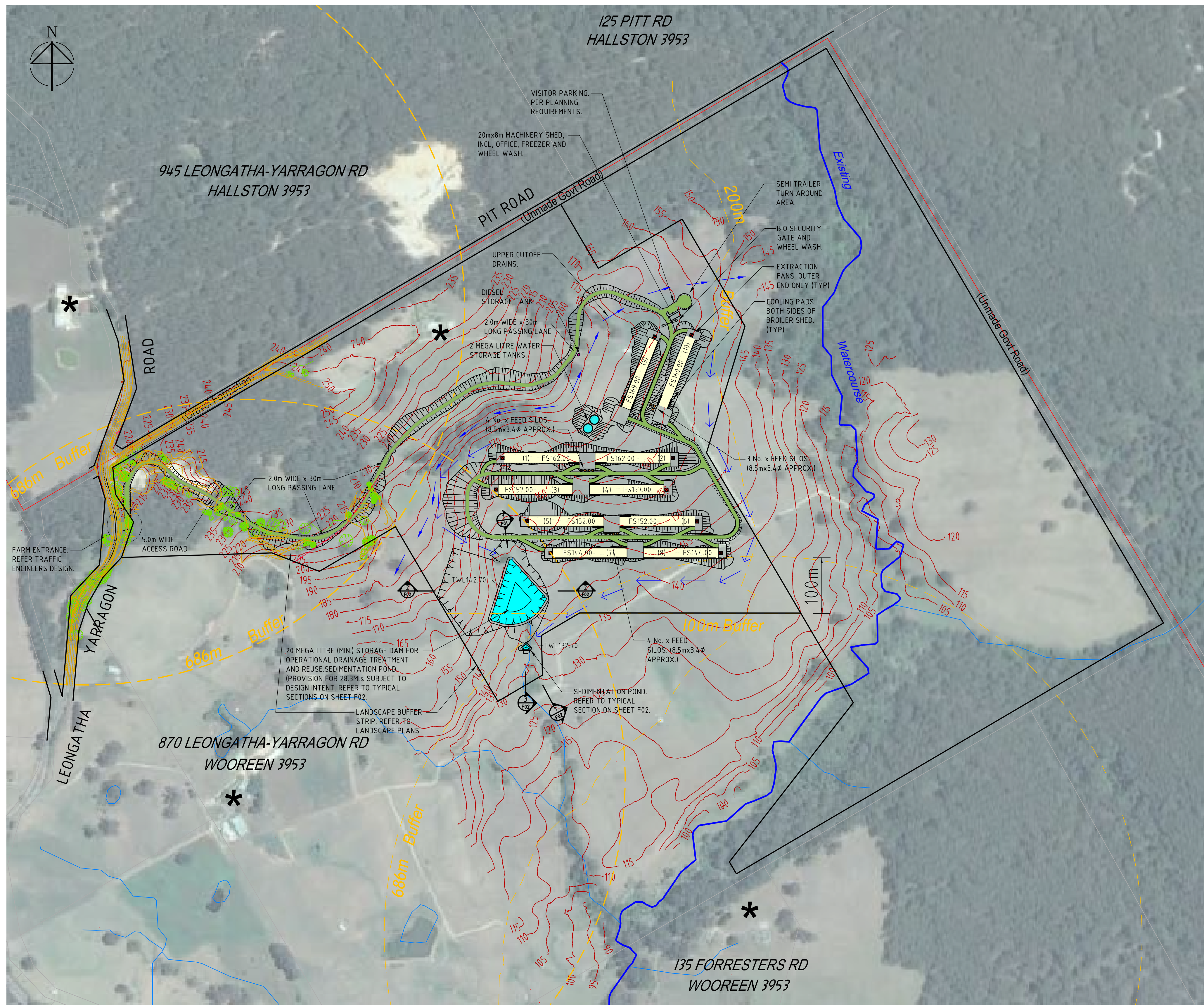


PROJECT:
Proposed Broiler Farm
80 Pitt Road
Wooreen
CLIENT:
Chicken Farms Australia Pty Ltd

DRAWING TITLE:
Figure 8
Floor Plan and Elevations
Machinery & Amenities
Shed

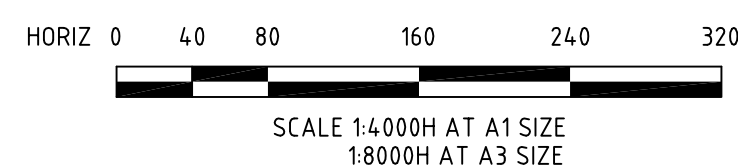
SCALE:
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REVISION:
B 24-01-2017
DRAWING No:
7134-BP08





NOTE:
THIS PLAN HAS BEEN PREPARED TO REPRESENT TYPICAL ENGINEERING DETAILS FOR THE PURPOSE OF PLANNING APPROVAL. ALL DETAILS ARE SUBJECT TO REFINEMENT DURING DETAIL DESIGN.

DEVELOPMENT PLAN



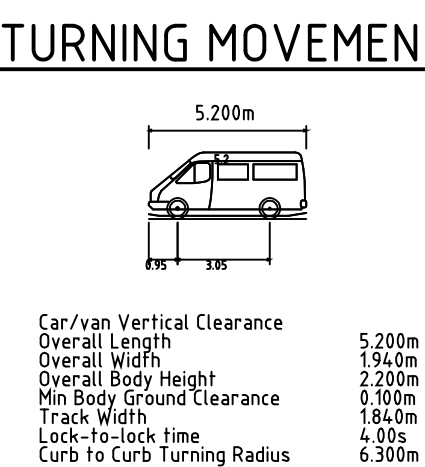
LEGEND

- Denotes Existing Residence
- Denotes 686m Radius from approx. centres of existing Dwellings
- Denotes 200m Buffer from Watercourse
- Denotes Watercourse
- Denotes Gully
- Denotes 5m AHD Contour Interval
- Denotes Chicken Shed (135m long x 17.4m wide)
- Denotes Access Road (5.0m wide unsealed)
- Denotes Open Earth swales to direct operational catchment to dam
- Denotes Upper Open Earth cutoff drain
- Denotes Extraction Fans
- Denotes Feeding Silos
- Denotes Gas Tanks
- Denotes Broiler Shed Cooling Pads

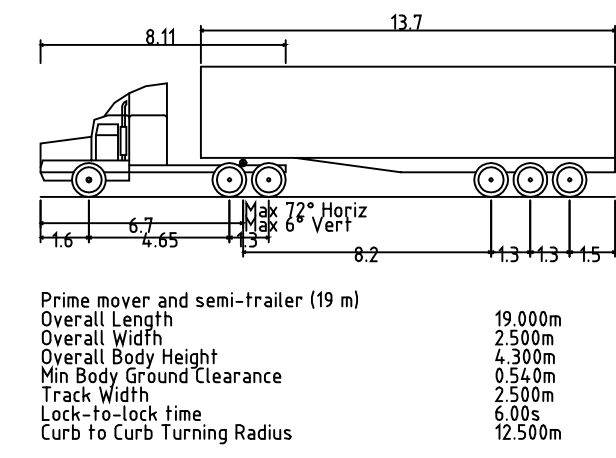
NOTES

- 1) DAM CAPACITY INCLUDES 10 ML FOR OPERATIONAL STORAGE AND 4ML FOR 10 YEAR ARI ONSITE DETENTION CAPACITY.
- 2) EARTHWORKS SUBJECT TO REFINEMENT AT DETAIL DESIGN STAGE.

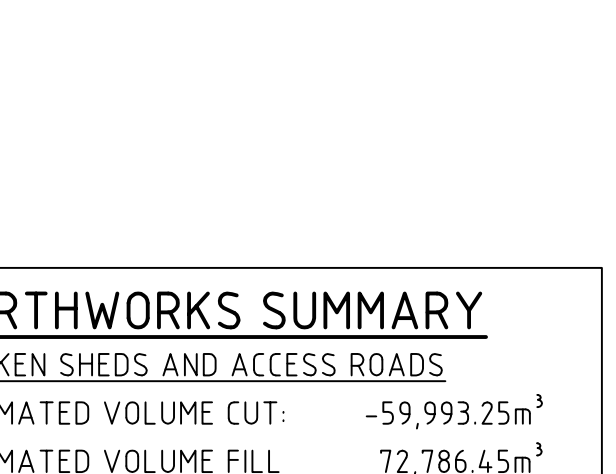
VEHICLE TURNING MOVEMENTS



SERVICE VEHICLE



SEMI TRAILER TRUCK



EARTHWORKS SUMMARY

CHICKEN SHEDS AND ACCESS ROADS	
ESTIMATED VOLUME CUT:	-59,993.25m ³
ESTIMATED VOLUME FILL	72,786.45m ³
DEFICIT:	12,793.00m ³
ONSITE STORAGE DAMS	
ESTIMATED VOLUME CUT:	-15,934.20m ³
ESTIMATED VOLUME FILL	7,246.04m ³
DEFICIT:	-8,688.15m ³
ENTRANCE ACCESS ROAD	
ESTIMATED VOLUME CUT:	-25801.61m ³
ESTIMATED VOLUME FILL	47427.487m ³
DEFICIT:	21,625.875m ³

REFER TO GENERAL NOTE (2)

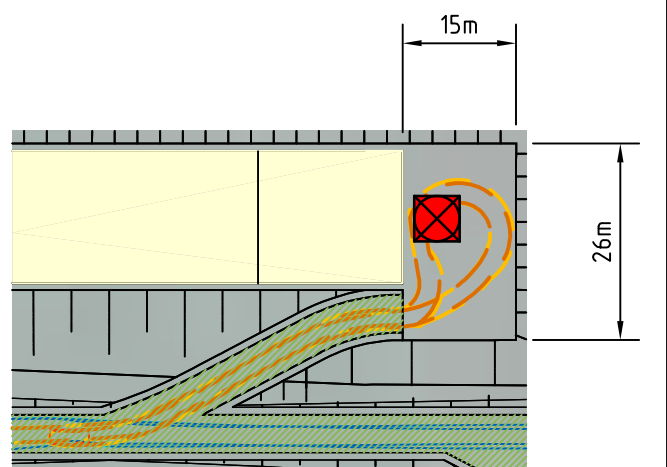
CONTRACTOR TO NOTE



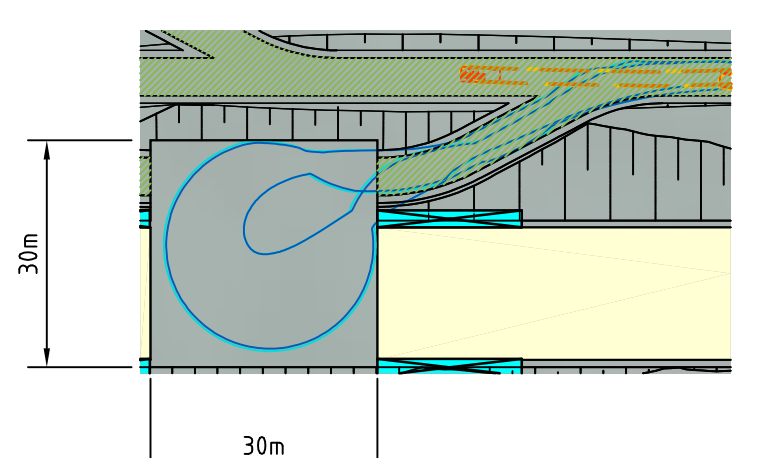
BEWARE OF UNDERGROUND SERVICES. THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. EXTREME CARE TO BE TAKEN AT ALL TIMES WHEN BORING NEAR OR ACROSS EXISTING SERVICES.



THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR AND AT ALL TIMES PROVIDE A SAFE WORKING ENVIRONMENT IN THE VICINITY OF THE SITE OF WORKS IN FULL COMPLIANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS. IN ACCORDANCE WITH CLAUSE 15 OF AS2124-1992, THE CONTRACTOR MUST ENSURE THE SAFETY OF THE CONTRACTOR'S EMPLOYEES AND ALL OTHER PEOPLE WHO ARE ON OR ADJACENT TO THE SITE. THE CONTRACTOR MUST COMPLY WITH THE VICTORIAN OCCUPATIONAL HEALTH AND SAFETY ACT 2004, INCLUDING SAFETY HELMETS, SAFETY BOOTS, EAR AND EYE PROTECTION, WHERE APPROPRIATE.



MINOR LOADING DOCK



MAJOR LOADING DOCK

Rev	Reason	Client Comments Added	AO	RF	RL	Date
J		CLIENT COMMENTS ADDED	AO	RF	RL	25/05/17
H		LOT BOUNDARY, NOTES & PASSING AREA UPDATED	AO	RF	RL	24/05/17
G		UPDATED TO COUNCIL COMMENTS	AO	RF	RL	28/04/17
F		LOT BOUNDARIES UPDATED	BB	RF	RL	24/01/17
E		ISSUED FOR PLANNING USE	BB	RF	RL	17/01/17
D		PRELIMINARY ISSUE	MCM	RF	RL	16/11/16
C		PRELIMINARY ISSUE	MCM	RF	RL	08/09/16
B		PRELIMINARY ISSUE	MCM	RF	RL	18/08/16
A		PRELIMINARY ISSUE	MCM	RF	RE	20/07/16

PRELIMINARY

CLIENT:
CHICKEN FARMS AUSTRALIA PTY LTD

PROJECT:
**PROPOSED BROILER FARM
80 PITT ROAD, WOOREEN**

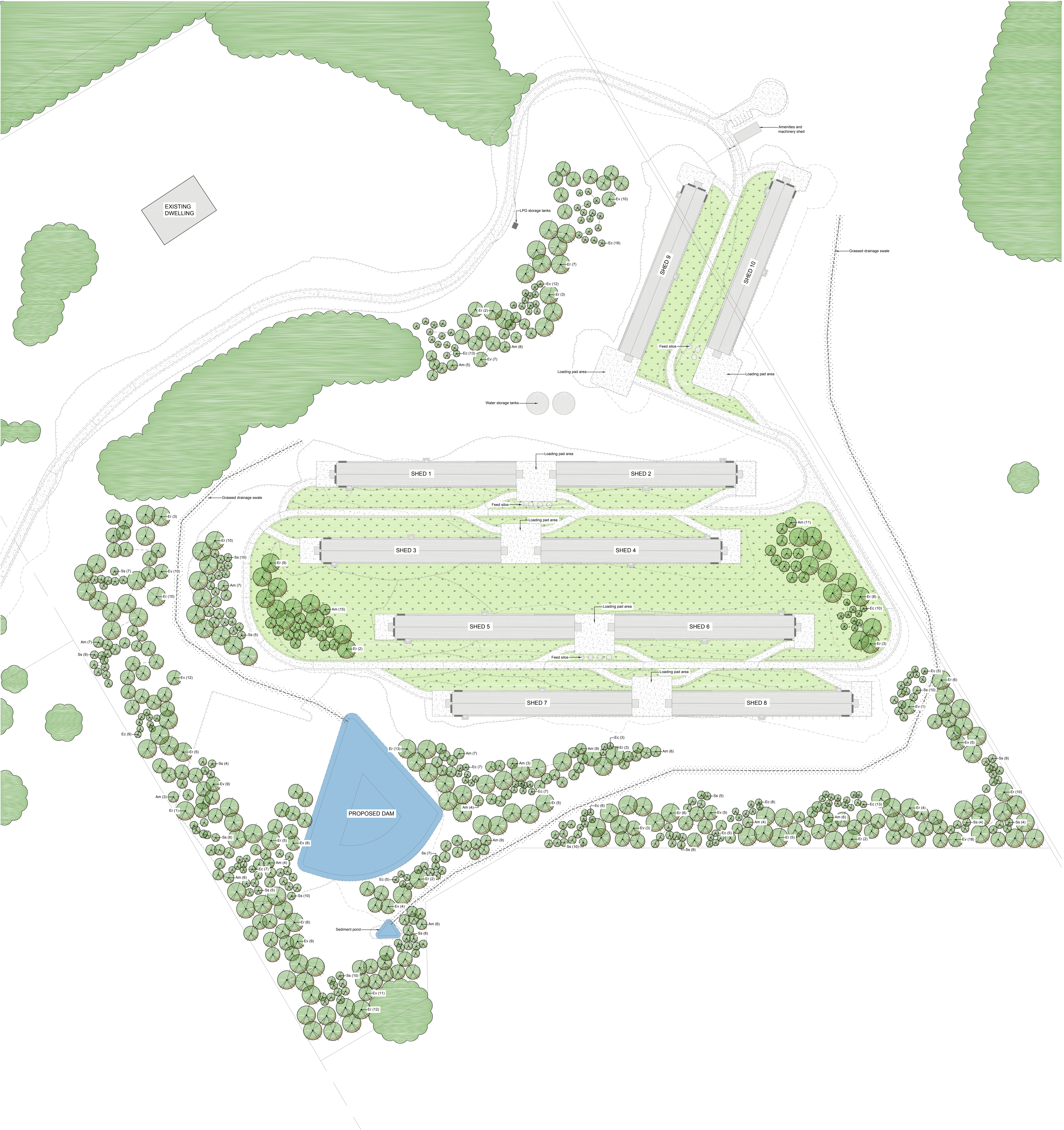
DEVELOPMENT PLAN

Job	Drawing	Revision
E7134.00	F_01	J
Sheet: 1 of 11		
Scale: AS SHOWN @ A1	Municipality: SOUTH GIPPSLAND	Melway Ref: -

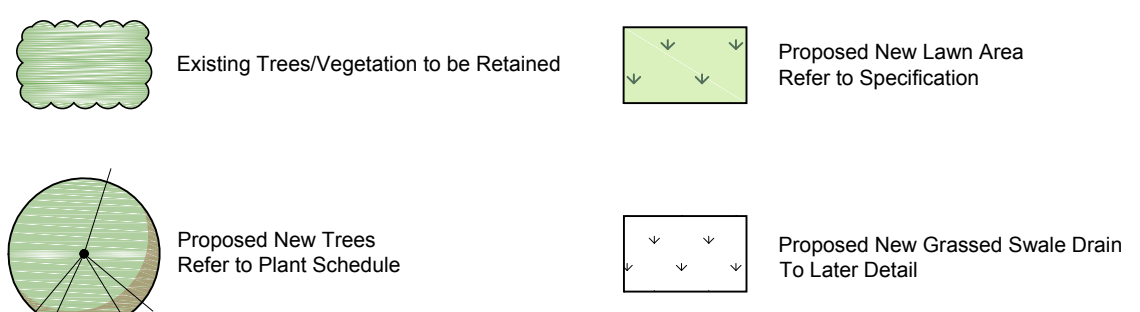


KLM Spatial and the developer of this project support the use of sustainable civil products, and a reduction in carbon emissions. We endorse the use of recycled products and encourage the contractor to utilise recycled products where a comparable, approved alternative to raw quarry products exists.

Planners Surveyors Engineers
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Email: manager@klmspatial.com.au
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LEGEND

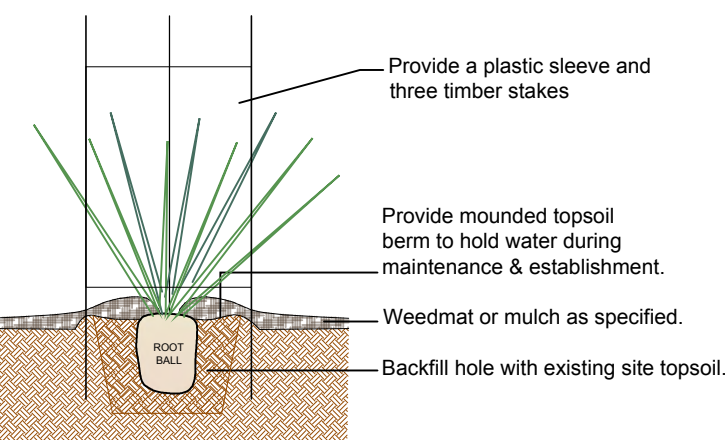


PLANT SCHEDULE

SYM	BOTANICAL NAME	COMMON NAME	DEVEL*	HEIGHT X WIDTH AT MATURITY	MIN SUPPLY SIZE	INITIAL QTY	TARGET QTY
Am	Acacia melanorhiza	Black ood	EN	12-20 x 8m	50mm tube	295	118
Ec	Eucalyptus capullocarpa	Mountain Grey Gum	EN	4-10 x 5m	50mm tube	315	126
Er	Eucalyptus radiata	Narrow-leaf Peppermint	EN	10-40 x 14m	50mm tube	350	144
Ev	Eucalyptus viminalis	Manna Gum	EN	10-50 x 11m	50mm tube	280	112
Ss	Syzygium smithii	Standard Lilly Pilly	EN	8-10 x 6m	50mm tube	315	126
TOTAL						1585	626

All plant species selected from Strzelecki Rain Bioregion EVC 16, 29, 30 and 32 of the Department of Sustainability and Environment. Allow 40% planting success rate.

*DE = Deciduous/Evergreen NE = Native/Ecotic



D1 TYPICAL TUBE PLANTING DETAIL Scale 1:20

SPECIFICATION NOTES

Revegetation works to follow a three part procedure

- 1. Pre-planting Preparation**
 - Herbicide treatment to the revegetation site area, including general clean-up of site area.
 - Ripping of area to 400mm-1000mm with suitable equipment in maximum 3m by 6m hash pattern to cover entire revegetation area.
- 2. Planting of tubestock into rip lines of prepared area**
- 3. Post Vegetation Establishment maintenance/irrigation and weed control**

Pre-planting Preparation

Herbicide treatment to entire planting area to remove all vegetation to area to be revegetated.

All weeds shall be thoroughly removed. All vegetative material, including roots and rhizomes of non-woody perennials and woody seedling weeds, is to be removed or appropriately controlled using chemical means. The stumps of non-seedling woody perennials are to be burnt (ground). All vegetative material shall be appropriately disposed of offsite in a manner which will not allow their re-establishment elsewhere. Any chemical controls are to be used in accordance with manufacturer's instructions and standard occupational health and safety procedures.

If any existing planting is to be retained then care must be taken to ensure these are not damaged during weed removal. This also implies that any herbicides used are suitable for use around the vegetation to be retained.

Deep ripping: Deep rip along planting lines with a single line ripper as deep as possible (min 400mm, 1000mm preferred) to ensure good shattering of subsoil and subsequent root and moisture penetration. Ripping to be completed with suitable equipment in maximum 3m by 6m hash pattern to cover entire revegetation area.

Late winter Early Spring: Contact herbicide spray treatment along the rip lines with a suitable spray in accordance with the manufacturer's specification. Spray along the rip lines with a second application of weed spray in accordance with the manufacturer's specification. (If required)

Planting

Planting will take place in two separate stages. The first stage of planting will be for trees only. One year later the second stage of planting for shrubs and groundcovers will take place. Ripper hole all (to inside) and soil mounds with tractor to level surface, for appropriate planting bed. Planting shall be carried out using accepted horticultural practices with all plants conforming to the species, size and quantities indicated on the Landscape Plan and Plant Schedule. Plants shall be thoroughly soaked through immersion in water prior to planting and if the planting soil is very dry then the planting hole is also to be filled with water and allowed to drain completely.

All plants shall be appropriately hardened off in the nursery. Use plants with the following characteristics: Large healthy root systems with no evidence of root cut or pot bound restriction or damage, vigorous, well established, and free from disease and pests and of good form, consistent with the species or variety, hardened off - not soft or forced. Plants that do not meet these requirements will be rejected. All tubestock and seed for planting is to be of local provenance and suitable to site. If conditions are very cold and wet, wait for warmer weather.

Tubestock: Plant tubestock at suggested centres based on species (refer drawings). Tubestock are to be planted 100-200mm away from the rip lines. Planting hole dug no deeper than the height of the plant, and hole filled only to the base of the plant crown. Refer detail. Planting guards are to be placed and bamboo stake around every individual plant (shrub protection and sheltered environment for plant growth).

Biodegradable Weed Mats made from Recycled Fibre with dimensions 370mm x 370mm, to be fitted to the base of each plant (tree, shrub, ground cover). Weeds should be cleared from area prior to installation around plant base. Fasten Weed Mat with cardboard guard and bamboo stakes. Refer detail.

Post Vegetation Establishment Recommendations

Mulch: Addition of organic mulch is to be supplied to all plant bases and is to be of chipped or shredded vegetable material with 80% of particles in the size range 20 to 50mm in plan and 5 to 10mm in thickness. No particles are to exceed 75mm in plan. Mulch shall be free of deleterious and noxious matter such as soil, weeds and sticks. Mulch is to be stockpiled and thoroughly weathered prior to delivery.

The mulch shall be laid to a minimum depth of 50mm and is to be sloped towards plant stems and kept 100mm back from the stems of all plants to prevent collar rot.

- Weeds management is critical with vegetation establishment. Strategies are as follows:
 - Mulch is to be added as necessary to keep weeds to manageable levels.
 - Exhaust the soil seed bank by removing weeds and/or spot spray with herbicide.
 - Use of weed mats around stock, during plantings/guarding.
 - Minimise disturbance of soils to establish canopy and groundcover and avoid excess weed germination.
 - Establish a native grass species as a ground cover as soon as possible.
 - Create established vegetation to create canopy at ground level to provide intermediate cover.

Plant Establishment Period Maintenance and Establishment means the care and maintenance of the revegetation area by accepted horticultural practices, as well as rectifying any defects that become apparent in the work under normal use. This plant establishment and maintenance period will last for 2 years after initial works take place. This shall include, but shall not be limited to watering, fertilising, weeding, pruning, pest and disease control, cultivation, re-staking and replacement of any plants that fail or are damaged with plants of the same species and size. This is to be the onus of the owner.

Irrigation Recommend supplemental water to be supplied to all newly planted plants, particularly during hot weather. Allow for approximately 10mm per meter squared of planting area to be delivered to the soil surface around each plant. Water delivery is more critical during the first two years of plant establishment.

Failed Plant Material and Replacement

- Addition of species underrepresented or failed within the community are to be replaced with more suitable species.
- Maintenance and achieving the appropriate structural visual form is to be completed by an experienced revegetation manager.
- The revegetation area must function and appear as a 'natural' vegetation area.

Native Lawn

An appropriate native grass seed (eg. *Microbera stipodes* - Weeping Grass or similar mix) is to be sown as lawn. Thoroughly eradicate weeds prior to the installation of lawn seed. This is to be done by approved methods such as manual removal, non-residual systemic or knock-down herbicides.

Topsoil is to be moistened to its full depth prior to the application of seed. Seed is to be sowed 10-15 mm below the soil surface. Germination may take from 10-14 days in spring or summer or considerably longer in cooler conditions. Sowing rate: 1kg/100m² and spread in a manner that achieves even distribution. Lawn is to be irrigated immediately following sowing, either by hand or through an irrigation system, and is to continue to be irrigated until grass is fully established.

Any areas of lawn which have failed to germinate (achieve an even green 20% covering of a consistent height) are to be re-seeded within one month of original sowing date.

LOCATION PLAN (N.T.S.)

