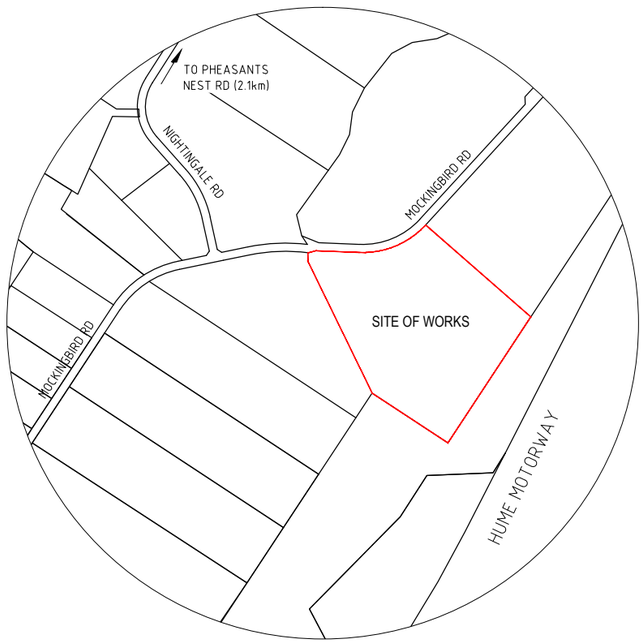
PROPOSED POULTRY FARM
DA DESIGN PLANS

LOT 264 IN DP 625326
180 MOCKINGBIRD ROAD, PHEASANTS NEST



LOCALITY SKETCH

Schedule of Drawings

Sheet	File Number	Description	Revision
1	21700097	TITLE PAGE, LOCALITY SKETCH & TABLE OF CONTENTS	C
2	21700098	OVERALL SITE PLAN	C
3	21700099	DETAIL SITE PLAN	C
4	21800069	STAGING PLAN	C
5	21700100	DAM DETAIL PLAN	C
6	21700101	DAM SECTIONS	C
7	21700102	MAIN ACCESS ROAD LONGITUDINAL SECTION	C
8	21700103	GENERAL SITE CROSS SECTIONS	C
9	21700104	GENERAL SITE CROSS SECTIONS	C
10	21700105	TYPICAL SHED DETAILS - POULTRY SHEDS	C
11	21700106	TYPICAL SHED DETAILS - MACHINERY & LITTER SHEDS	C
12	21700107	TYPICAL SHED DETAILS - AMENITIES & COMPOSTING SHEDS	C
13	21800035	SIGHT LINES PLAN	C
14	21700108	SIGHT LINES ELEVATIONS SHEET 1	C
15	21700109	SIGHT LINES ELEVATIONS SHEET 2	C
16	21700197	SIGHT LINES ELEVATIONS SHEET 3	C
17	21700110	SITE WORKS CUT-FILL PLAN	C
18	21700111	LANDSCAPE PLAN	C
19	21700112	EROSION AND SEDIMENT CONTROL PLAN	C
20	21700113	EROSION AND SEDIMENT CONTROL NOTES & STANDARD DRAWINGS	C
21	21700198	TURNING PATH DIAGRAM	C

Designed By TATTERSALL LANDER PTY LTD
DEVELOPMENT CONSULTANTS IN ENGINEERING, SURVEYING & PLANNING
PO Box 580 RAYMOND TERRACE Phone (02) 4987 1500

FILE : 21700097
JOB No. : 216307
SHEET No. :1 of 21

LEGEND:

EXISTING CONTOUR (1m INTERVAL) (BASED ON LPI LiDAR DATA)

PROPOSED TUNNEL VENTILATED POULTRY SHED

SITE BOUNDARY

EXISTING WATERWAY (FROM LPI TOPOGRAPHIC MAP)

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

* Denote the original signature and date when revision was issued.

TATTERSALL LANDER PTY LTD
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING
2 Bourke St. P.O.Box 580
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500

PLAN SHOWING PROPOSED POULTRY FARM SITE LAYOUT LOT 264 IN DP 625326 180 MOCKINGBIRD ROAD, PHEASANTS NEST

COUNCIL: WOLLONDILLY	REFERENCE: 21700098
PARISH: BARGO	SHEET SIZE: A3
SCALE: 1:4000 on A3	SHEET No.: 2
DATE :	Plotted 16:38 26/04/18

CLIENT: LIMOUSIN No.1 PTY LTD | JOB No.: 216307 | COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg

LEGEND:

- Existing Contour (1m Interval)
- Design Contour (0.2m Interval)
- Existing Tree - To Be Removed
- Existing Tree - To Be Retained
- Proposed Feed Silos - 3x100T (Ø4.75m x 8.75m high)
- Proposed 5x7.5kl LPG Above-ground Gas Tanks - details per Origin Drawing "Site Tank Compound plan 5 by 7.5kl Bollard Vehicle Protection"

263
DP 625326

261
DP 625326

25
DP 255689

MOCKINGBIRD ROAD

CARTERS CREEK

HUME MOTORWAY

375Ø CLASS 4 RCP STORMWATER

PROPOSED DAM B - SEE SHEET 4

EXISTING DAM TO BE REMOVED

PROPOSED DAM A - SEE SHEET 4 & 5

EXISTING SHED TO BE RETAINED

EXISTING GREENHOUSE TO BE RETAINED

EXISTING DAM TO BE RETAINED

DIRECT EXISTING DAM SPILLWAY INTO NEW DRAINAGE SWALE

6x500kL WATER TANKS

PROPOSED WORKER'S AMENITY BUILDING F.F.L.271.8

MACHINERY SHED F.F.L. 275.4

LITTER SHED F.F.L. 276.4

PROPOSED TUNNEL-VENTILATED POULTRY SHED 1 F.F.L. 271.8

PROPOSED TUNNEL-VENTILATED POULTRY SHED 2 F.F.L. 272.6

PROPOSED TUNNEL-VENTILATED POULTRY SHED 3 F.F.L. 273.5

PROPOSED TUNNEL-VENTILATED POULTRY SHED 4 F.F.L. 274.4

PROPOSED TUNNEL-VENTILATED POULTRY SHED 5 F.F.L. 275.3

PROPOSED TUNNEL-VENTILATED POULTRY SHED 6 F.F.L. 276.2

PROPOSED TUNNEL-VENTILATED POULTRY SHED 7 F.F.L. 276.9

COMPOSTING SHED F.F.L. 270.9

2 x 525Ø CLASS 4 RCP STORMWATER

CONCRETE LINED 'V'-DRAIN

TOP OF BANK

POSITION OF FIRST ORDER STREAM FROM LPI TOPOGRAPHIC MAPPING

EXISTING DAM

0 m 50 m 100 m 150 m 200 m

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

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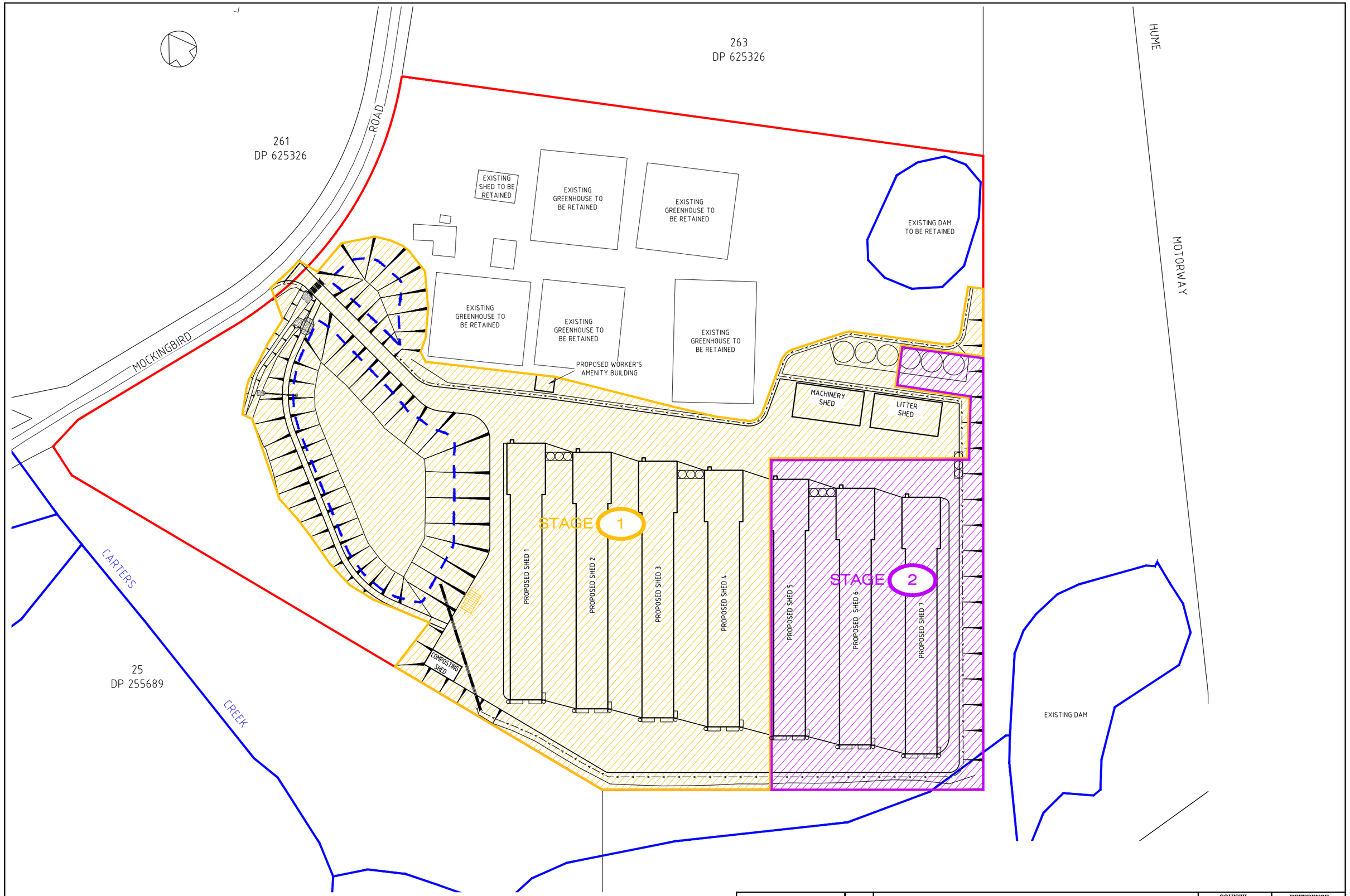
PLAN SHOWING PROPOSED POULTRY FARM SHED LAYOUT
LOT 264 IN DP 625326
180 MOCKINGBIRD ROAD, PHEASANTS NEST

COUNCIL: WOLLONDILLY	REFERENCE: 21700099
PARISH: BARGO	SHEET SIZE: A3
SCALE: 1:2000 on A3	SHEET No.: 3
DATE :	Plotted 16:39 26/04/18

CLIENT: LIMOUSIN No.1 PTY LTD | JOB No.: 216307 | COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg



REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	-	-	29/03/18*

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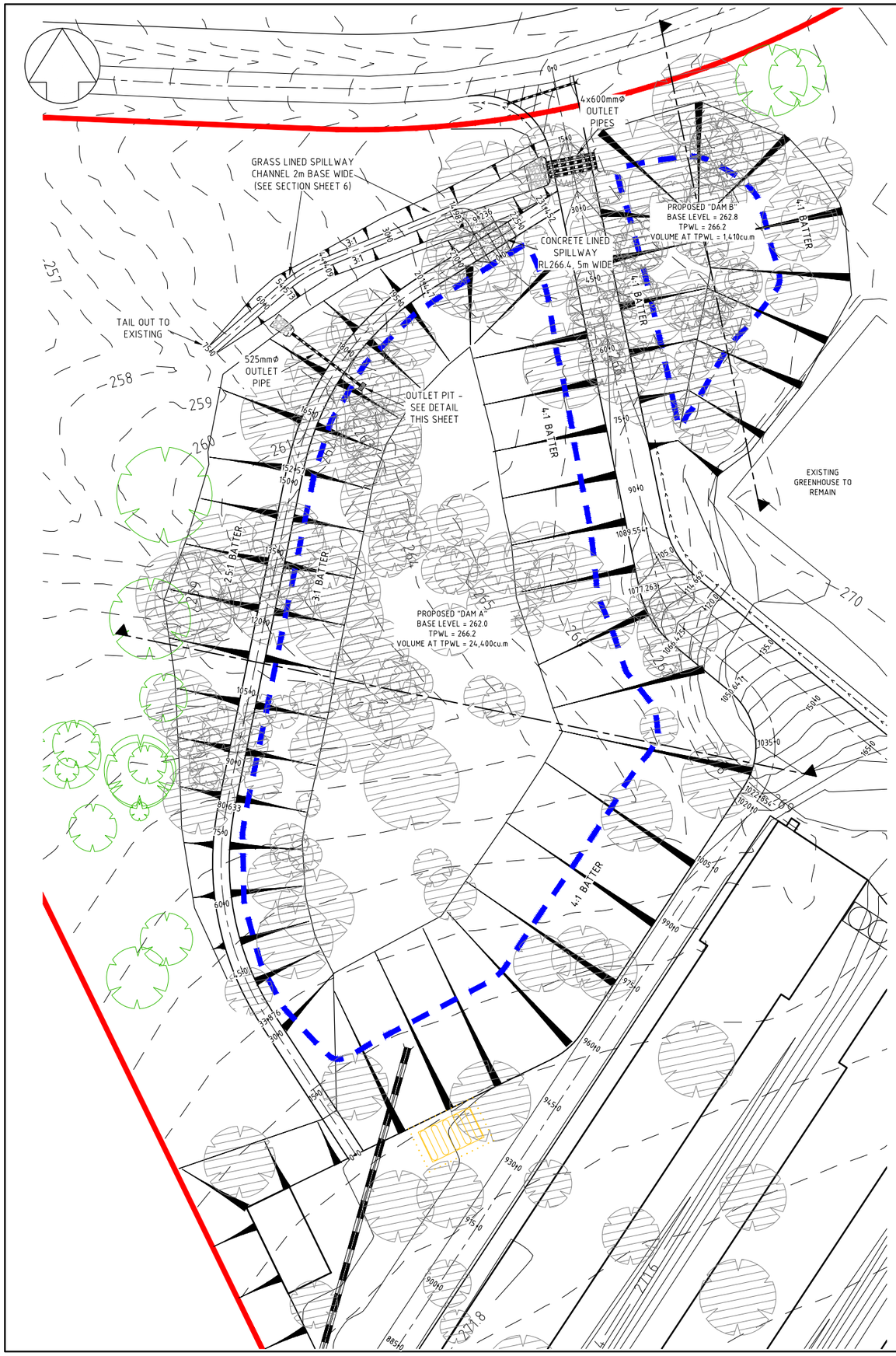
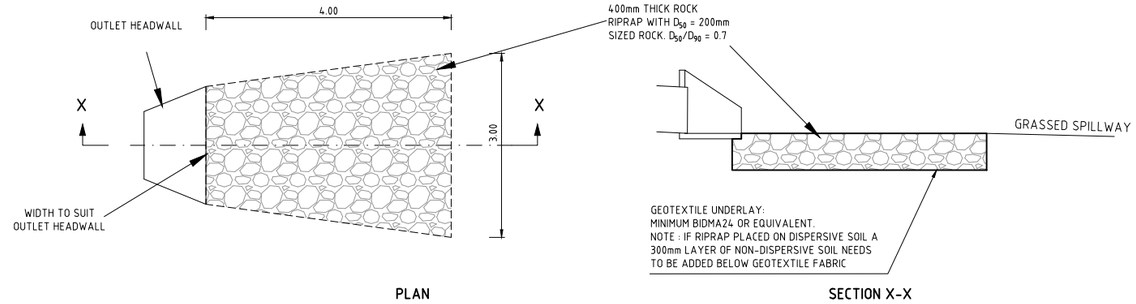
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500

PLAN SHOWING PROPOSED POULTRY FARM SHED LAYOUT
LOT 264 IN DP 625326
180 MOCKINGBIRD ROAD, PHEASANTS NEST

COUNCIL: WOLLONDILLY	REFERENCE: 21800069
PARISH: BARGO	SHEET SIZE: A3
SCALE: 1:2000 on A3	SHEET No.: 4
DATE :	Plotted 16:39 26/04/18

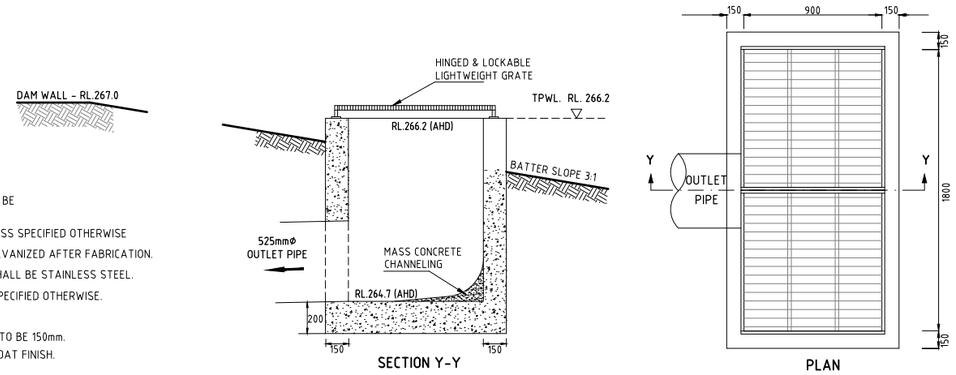
CLIENT: LIMOUSIN No.1 PTY LTD | JOB No.: 216307 | COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg





RIP RAP ENERGY DISSIPATION STRUCTURES

NOT TO SCALE



NOTES - SURFACE INLET PIT

1. COMPRESSIVE STRENGTH OF CONCRETE TO BE F'c 40MPa AT 28 DAYS
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE
3. ALL STEEL WORK TO BE HOT - DIPPED GALVANIZED AFTER FABRICATION.
4. ALL BOLTS/ANCHORS SET IN CONCRETE SHALL BE STAINLESS STEEL.
5. ALL WELDS TO BE 6mm FILLETS UNLESS SPECIFIED OTHERWISE.
6. MINIMUM BOLT SIZE TO BE M16.
7. MINIMUM THICKNESS OF CONCRETE WALLS TO BE 150mm.
8. ALL INTERNAL SURFACES TO BE STEEL FLOAT FINISH.

MODIFIED RM11A GRATED SURFACE INLET PIT
PROPOSED DAM OUTLET STRUCTURE

NOT TO SCALE

(ALL OTHER DETAILS PER RM.11 TYPE A)

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
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A	Original Issue	AV	AV	CG*	BL*	20/02/17*

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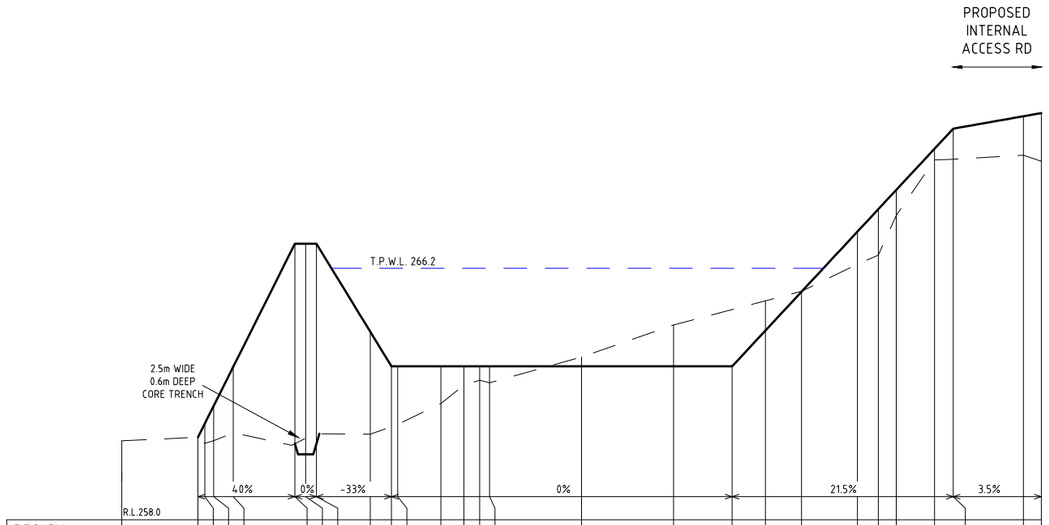
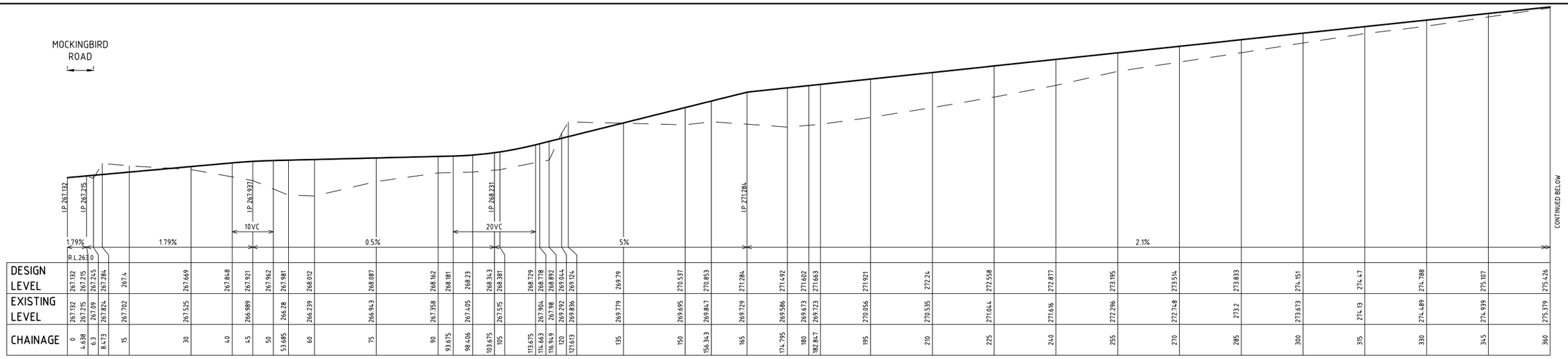
DEVELOPMENT CONSULTANTS

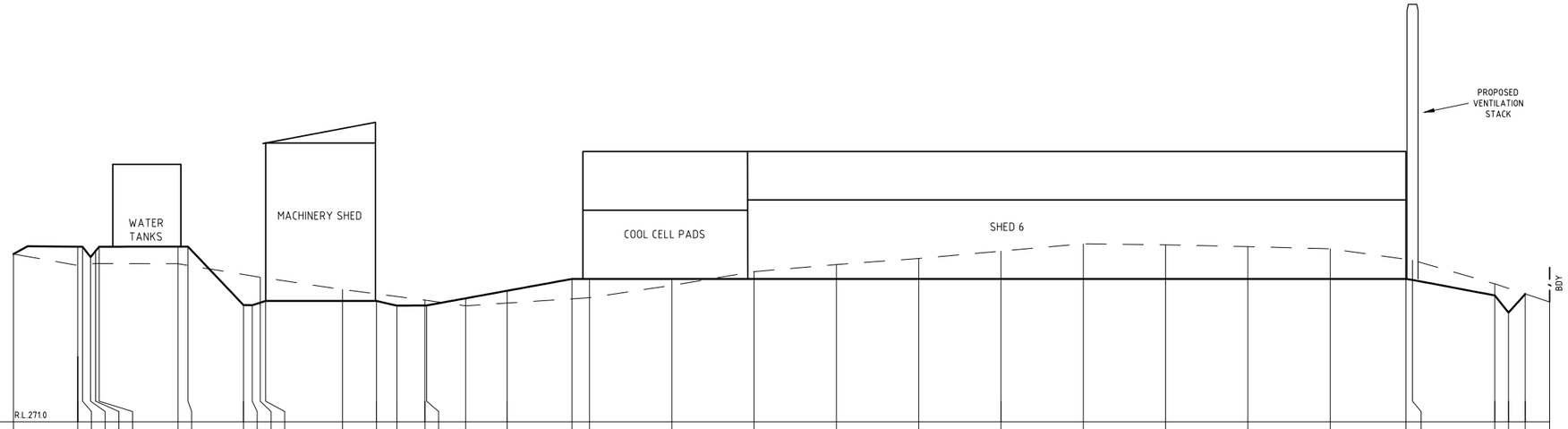
SCALE : 0 10 20m (1:1000 for A3 Size Plot)
SHEET No. :5
JOB No. : 216307
FILE : 21700100
DATE : Plotted 16:39 26/04/18
SHEET SIZE A3
COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg


PROPOSED
INTERNAL
ACCESS RD
T.P.W.L. 266.2
2.5m WIDE
0.6m DEEP
CORE TRENCH
R.L. 258.0
4.0%
0%
-33%
0%
21.5%
3.5%

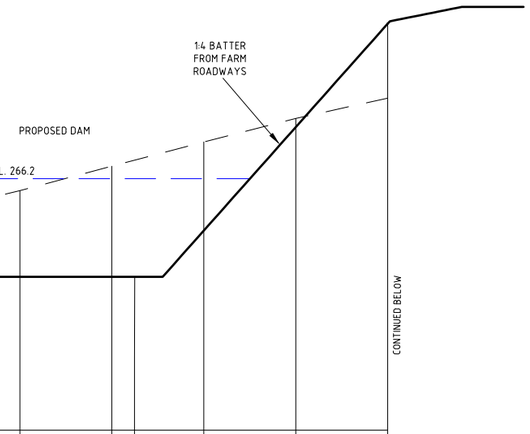
| | | |


MOCKINGBIRD ROAD
I.P. 267.132
I.P. 267.215
I.P. 267.937
I.P. 268.231
I.P. 271.284
10VC
20VC
1.79%
1.79%
0.5%
5%
2.1%
R.L. 263.0
CONTINUED BELOW

| | | |


PROPOSED VENTILATION STACK
WATER TANKS
MACHINERY SHED
COOL CELL PADS
SHED 6
BDY
R.L.271.0

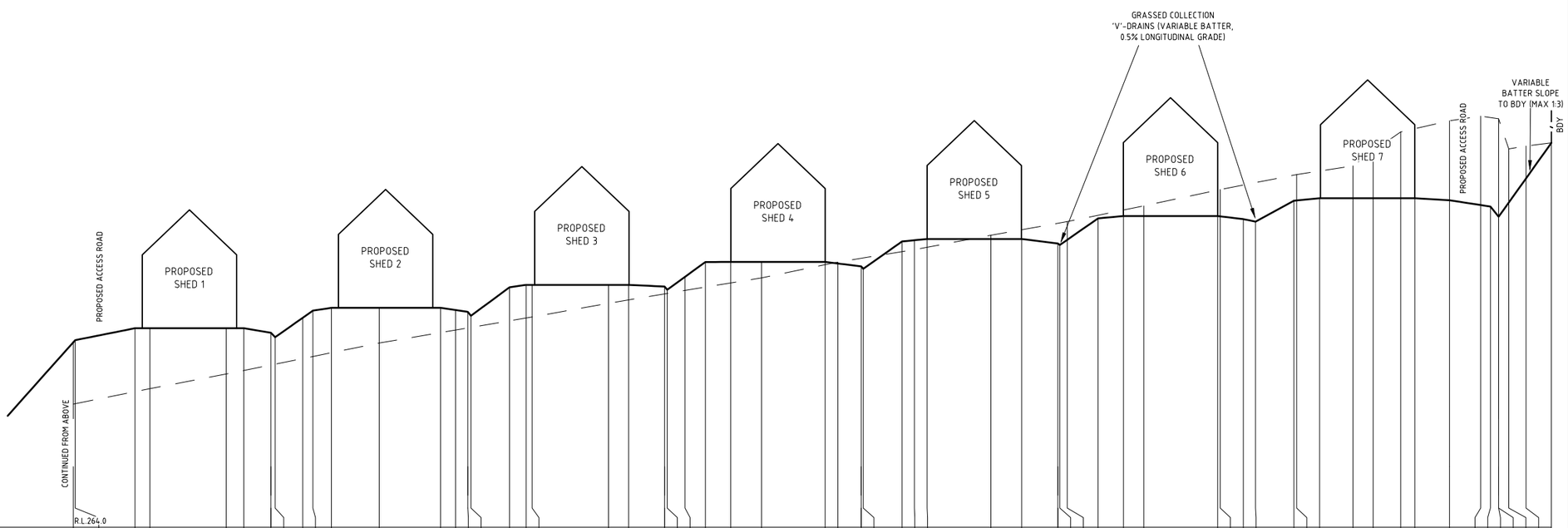
| | | |



DESIGN LEVEL			263.695	266.075	267	267	264.655	262	262	262	262	264.533	267.893	271.253
EXISTING LEVEL	262.014	263.135		264.131			265.081		265.809	266.606		267.398	268.163	268.826
CHAINAGE	0	15.894	23.473	30	32.537	36.389	45	54.74.9	60	75	78.695	90	105	120

SECTION C-C

H=1:1000 V=1:200



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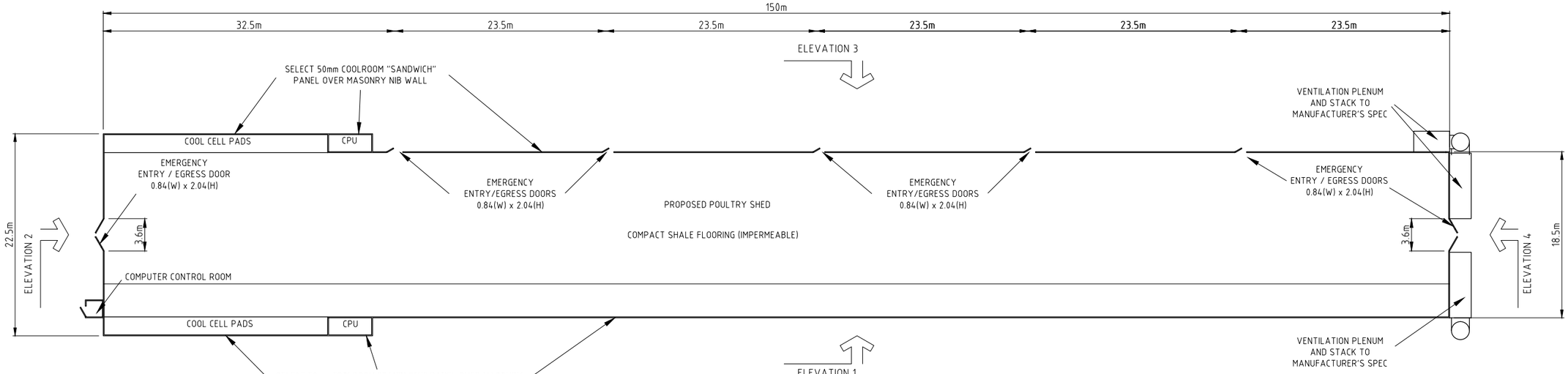
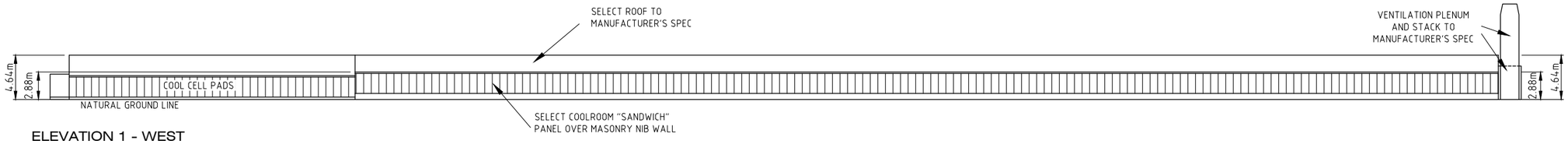
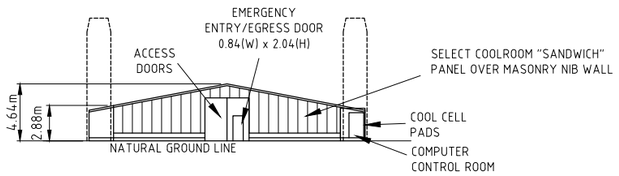


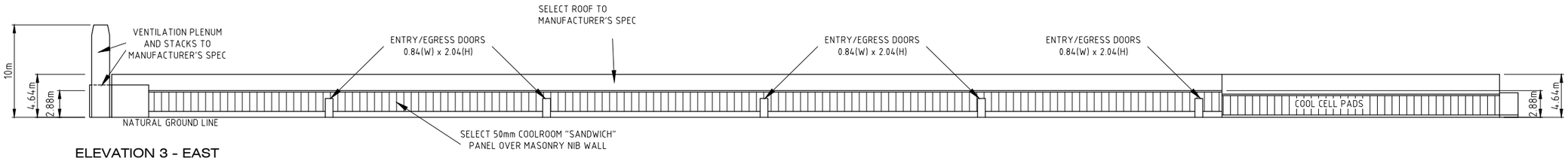
PLAN
Typical
Scale 1:500



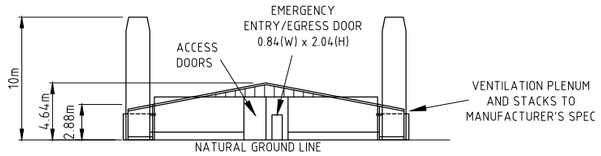
ELEVATION 1 - WEST
Typical
Scale 1:500



ELEVATION 2 - NORTH
Typical
Scale 1:500



ELEVATION 3 - EAST
Typical
Scale 1:500



ELEVATION 4 - SOUTH
Typical
Scale 1:500

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

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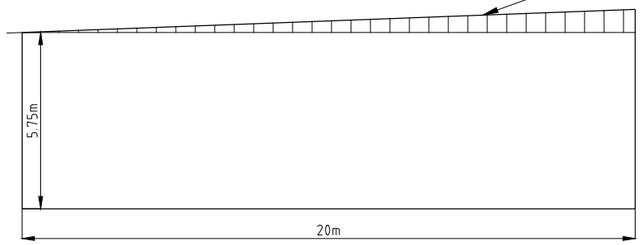
PROPOSED POULTRY SHEDS-
TYPICAL SHED DETAILS

TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

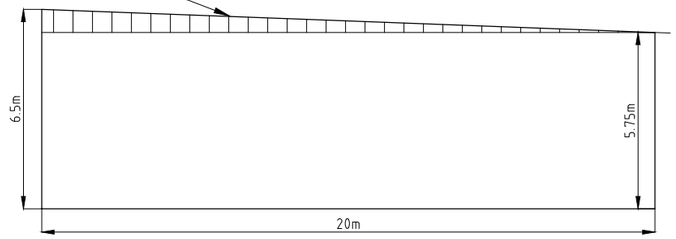
SCALE : 0 5 10m (1:500 for A3 Size Plot)
SHEET No. :10
FILE : 21700105
SHEET SIZE A3
JOB No. : 216307
DATE : Plotted 16:39 26/04/18
COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg

SKILLION ROOF TO
ENGINEERS SPECIFICATIONS

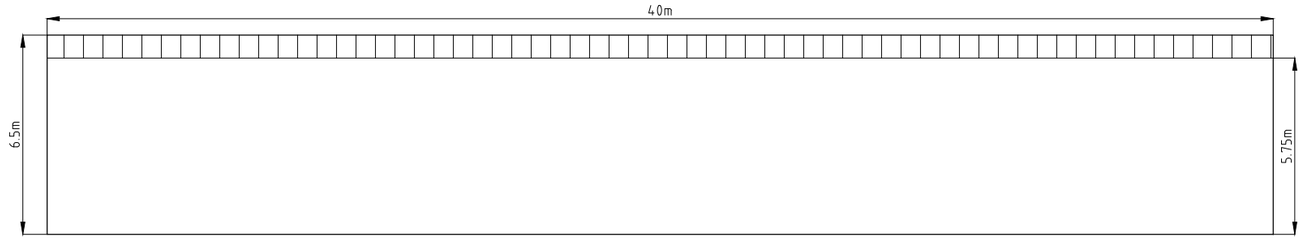
ELEVATION 3 - WEST
Typical
Scale 1:200



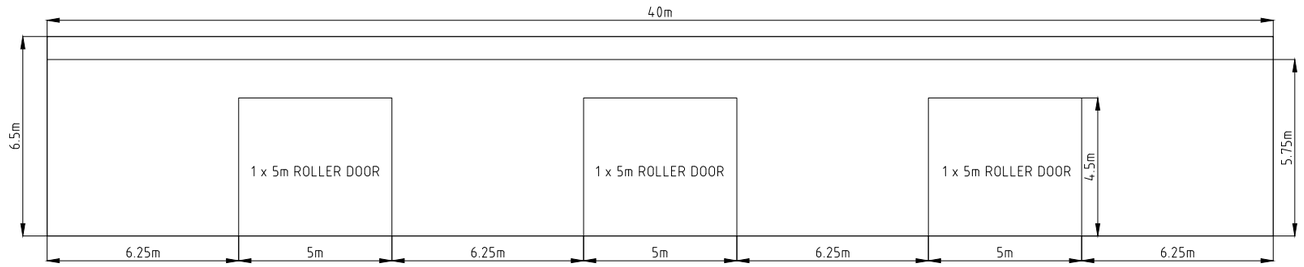
ELEVATION 4 - EAST
Typical
Scale 1:200

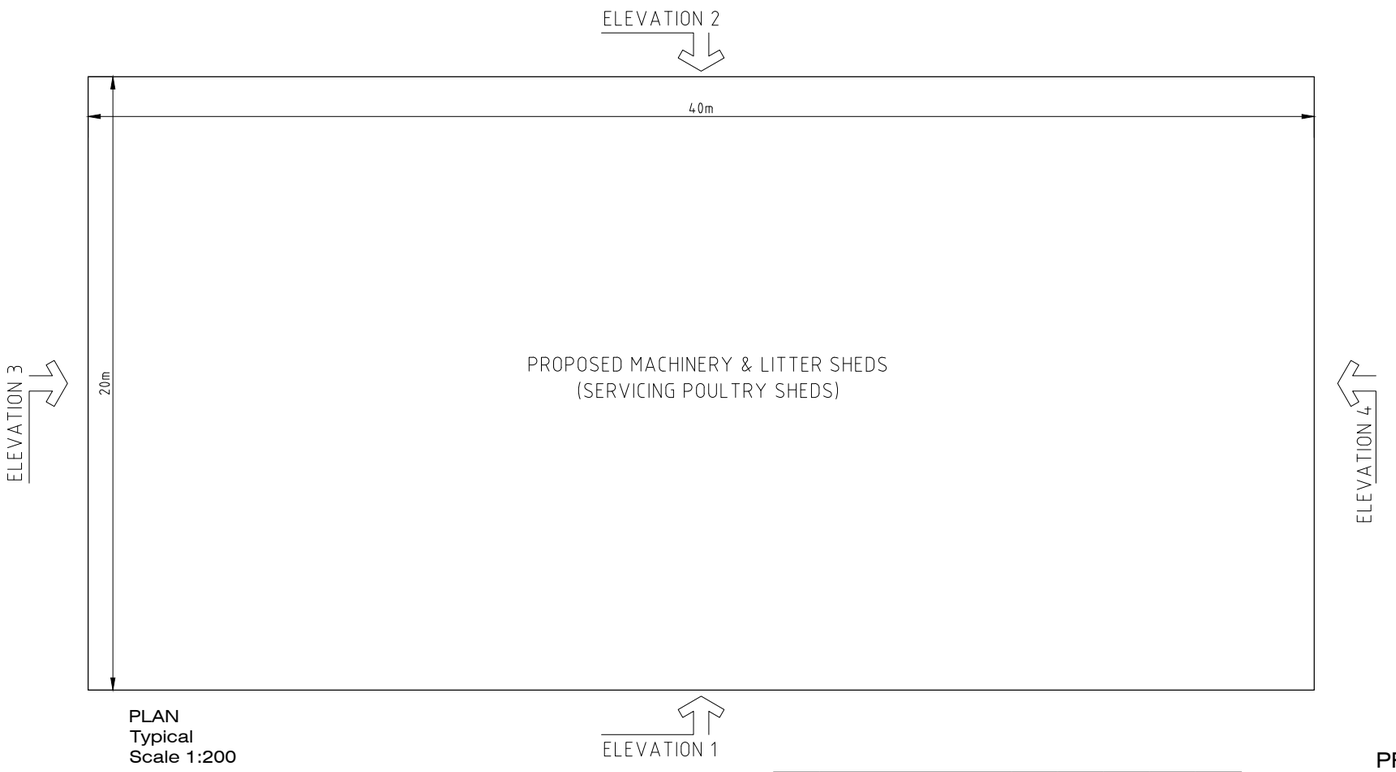


ELEVATION 2: NORTH
Typical
Scale 1:200



ELEVATION 1: SOUTH
Typical
Scale 1:200





PLAN
Typical
Scale 1:200

C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE

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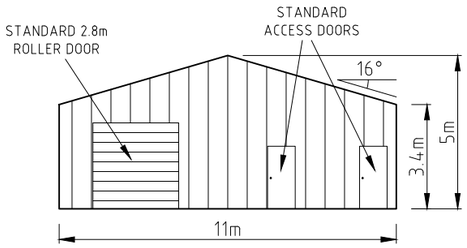
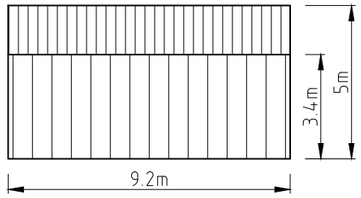
DEVELOPMENT CONSULTANTS

PROPOSED MACHINERY & LITTER SHEDS - TYPICAL SHED DETAILS

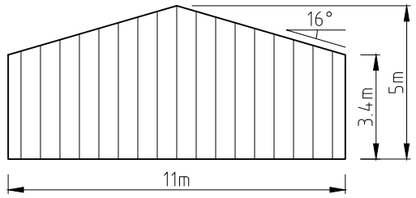
SCALE : 0 1 2m (1:100 for A1 Size Plot)
SHEET No. :11
FILE : 21700106
SHEET SIZE A3
JOB No. : 216307
DATE : Plotted 16:39 26/04/18
COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg



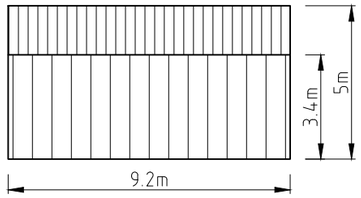
ELEVATION 1 - SOUTH
SCALE 1:200



ELEVATION 2 - WEST
SCALE 1:200

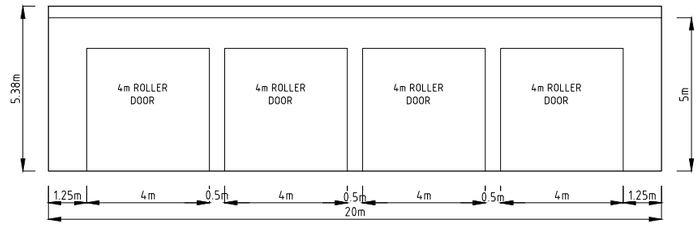


ELEVATION 3 - NORTH
SCALE 1:200

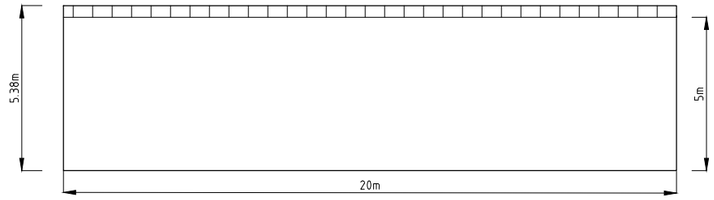


ELEVATION 4 - EAST
SCALE 1:200

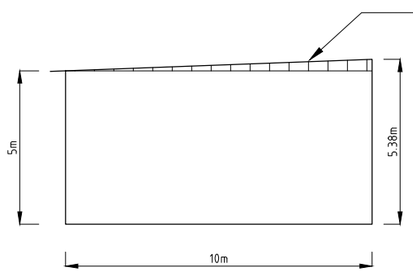
ELEVATION 1 -
NORTH EAST
Typical
Scale 1:200



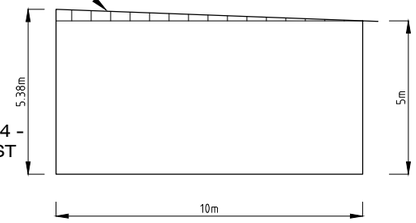
ELEVATION 2 -
SOUTH WEST
Typical
Scale 1:200

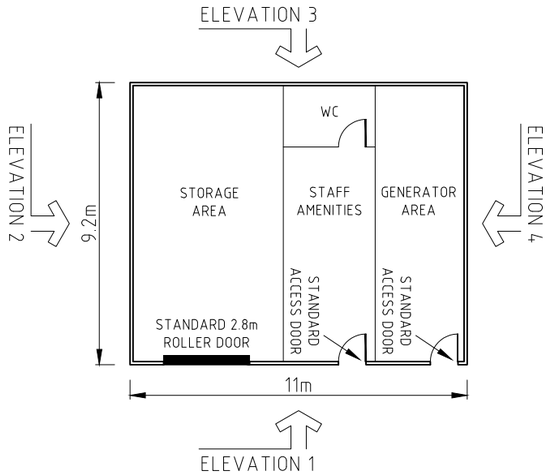


ELEVATION 3 -
SOUTH EAST
Typical
Scale 1:200

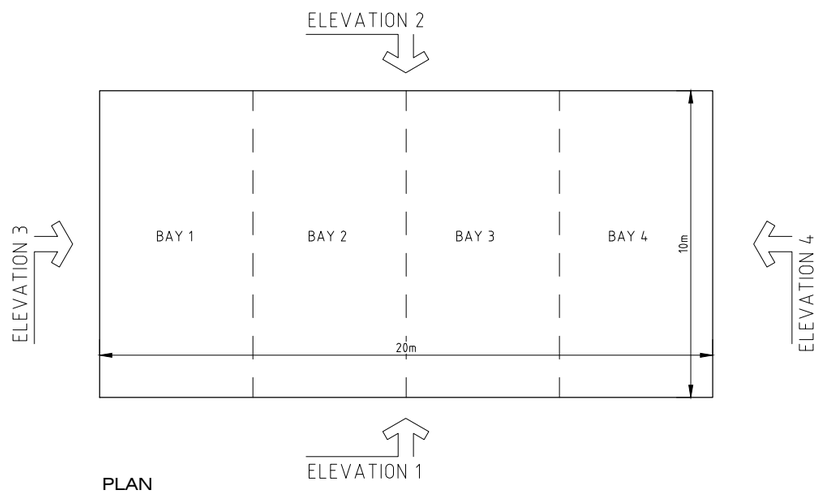


ELEVATION 4 -
NORTH WEST
Typical
Scale 1:200





PLAN
SCALE 1:200



PLAN
Typical
Scale 1:200

NOTE:
CLADDING TO BE COLOUR BONDED
METAL OF NEUTRAL COLOUR

PROPOSED GENERATOR,
AMENITIES & STORAGE SHED

PROPOSED COMPOSTING
SHED TYPICAL DETAILS

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

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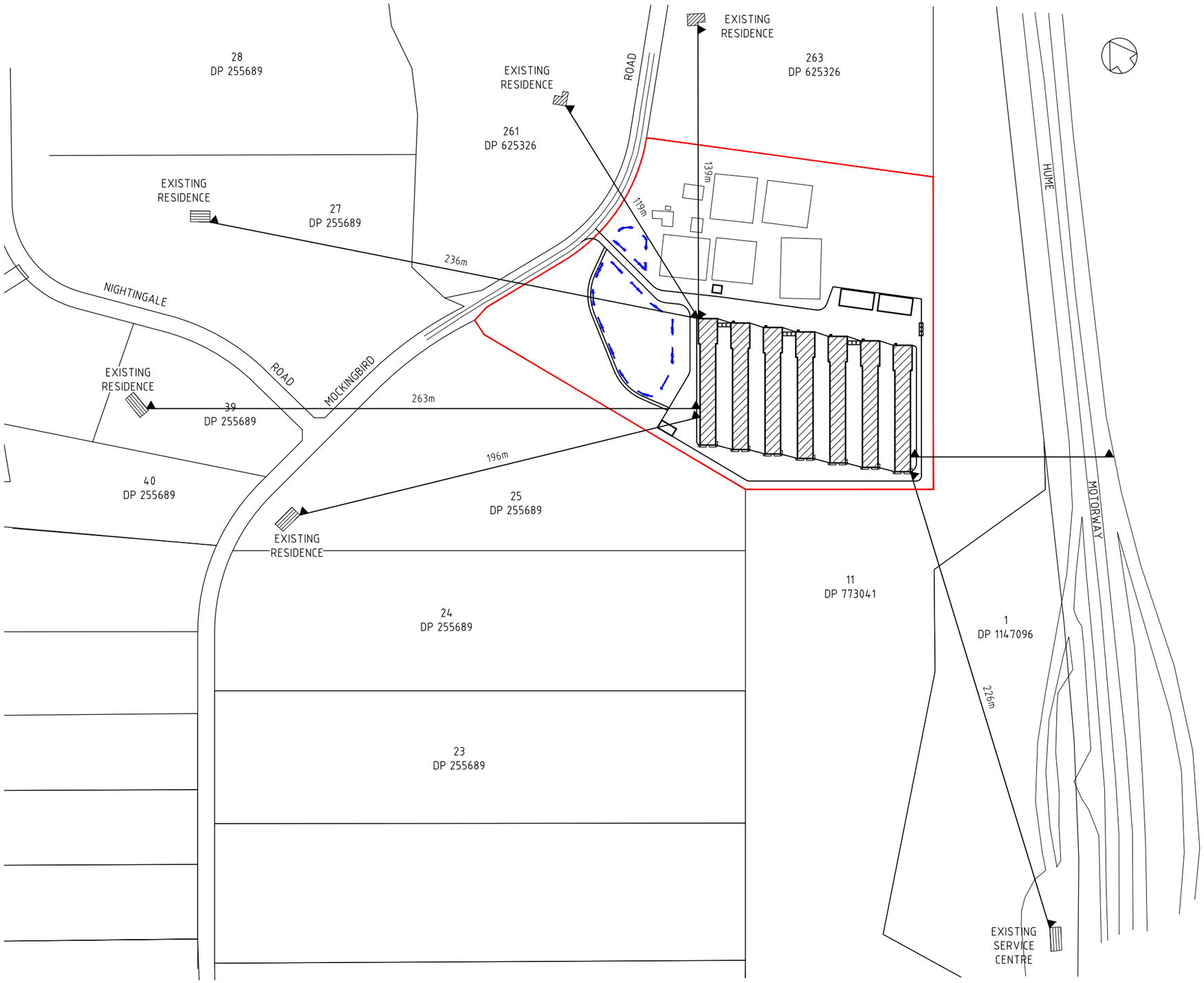
TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE :
SHEET No. :12
FILE : 21700107
SHEET SIZE
JOB No. : 216307
DATE : Plotted 16:40 26/04/18
A3
COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg



LEGEND:

EXISTING CONTOUR (1m INTERVAL) (BASED ON LPI LiDAR DATA) — 275

PROPOSED TUNNEL VENTILATED POULTRY SHED

SITE BOUNDARY

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

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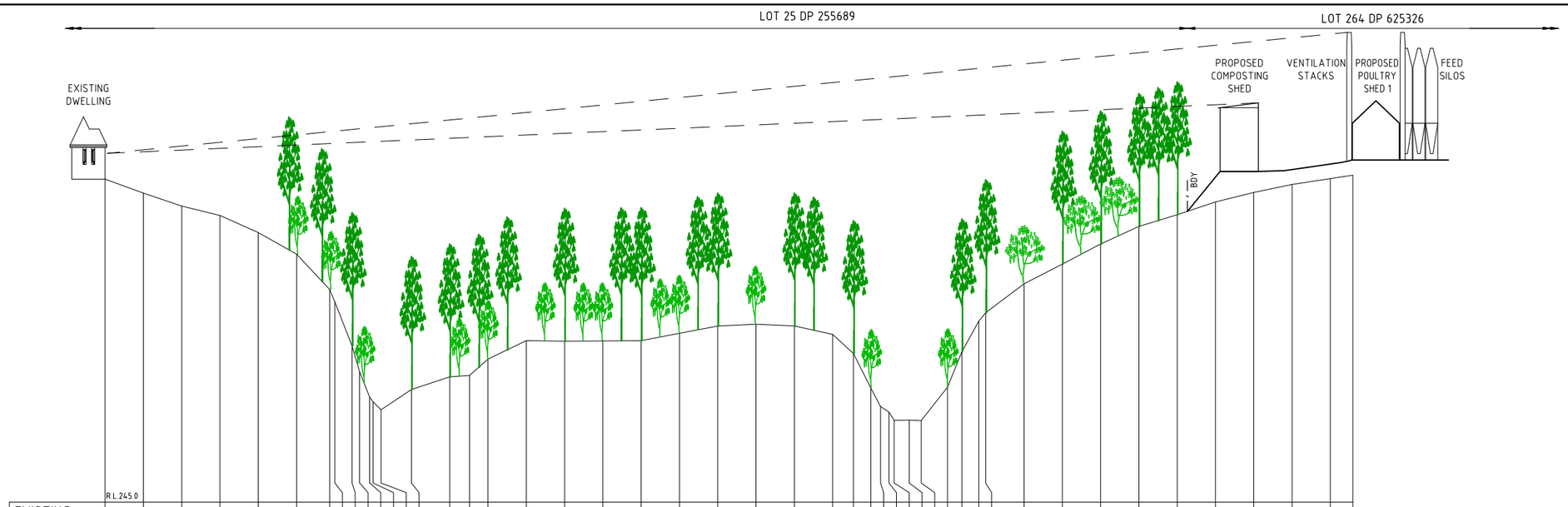
TATTERSALL LANDER PTY LTD
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING
2 Bourke St. P.O.Box 580
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500

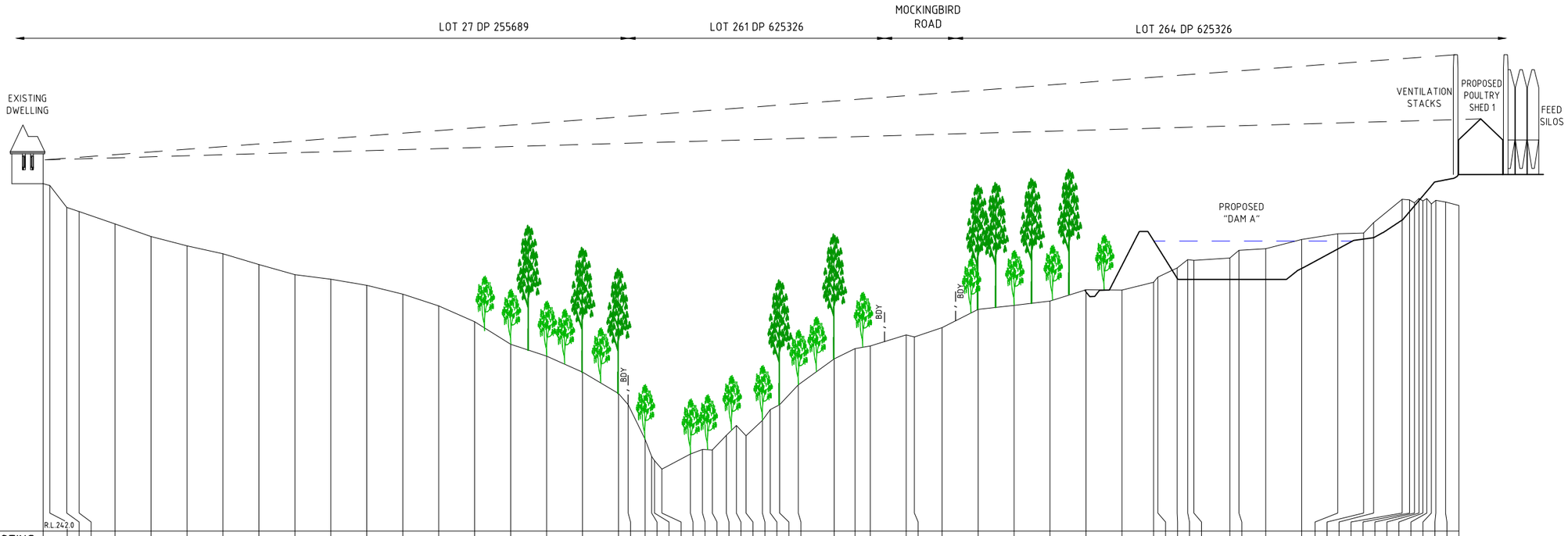
PLAN SHOWING PROPOSED POULTRY FARM
ADJOINING PROPERTIES PLAN
LOT 264 IN DP 625326
180 MOCKINGBIRD ROAD, PHEASANTS NEST

COUNCIL: WOLLONDILLY	REFERENCE: 21800035
PARISH: BARGO	SHEET SIZE: A3
SCALE: 1:5000 on A3	SHEET No.: 13
DATE :	Plotted 13:26 27/04/18

CLIENT: LIMOUSIN No.1 PTY LTD | JOB No.: 216307 | COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg


LOT 25 DP 255689
LOT 264 DP 625326
EXISTING DWELLING
PROPOSED COMPOSTING SHED
VENTILATION STACKS
PROPOSED POULTRY SHED 1
FEED SILOS
BDY
R.L. 245.0

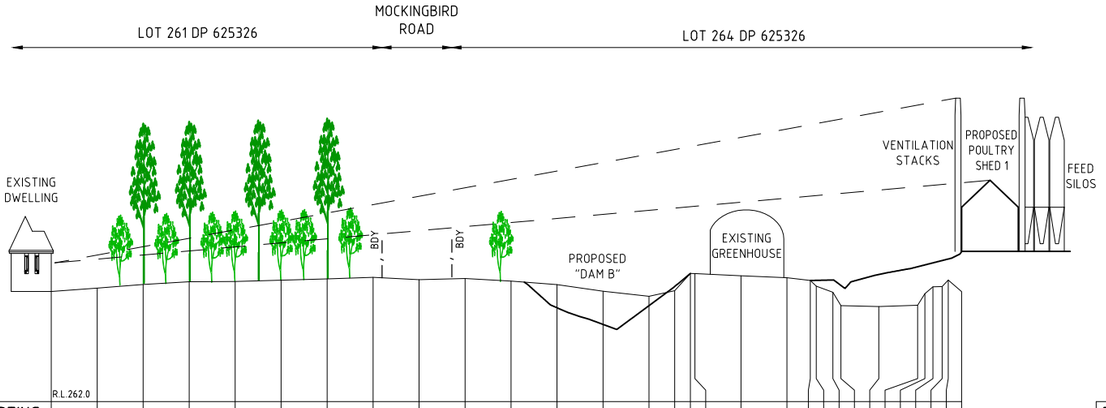
| | | |



CHAINAGE	EXISTING LEVEL
0	270.984
2.775	270.837
9.847	269.01
15	268.658
30	267.625
45	266.58
60	265.799
75	265.136
90	264.239
105	263.397
120	263.012
135	262.506
150	261.768
165	260.785
180	259.467
195	257.589
210	256.6
225	255.256
240	253.482
244.063	252.544
251.081	249.666
253.805	248.274
255	247.818
258.1	247.161
270	248.428
275.019	248.808
279.155	248.765
285	249.981
289.162	250.802
293.192	249.954
300	251.227
303.304	252.137
307.229	252.538
315	254.197
330	256.371
338.661	257.221
345	257.447
360	258.365
363.445	258.195
375	258.974
390	260.501
405	260.83
420	261.197
435	262.134
450	262.108
463.194	262.763
465	263.19
473.015	263.956
477.443	264.648
480	264.586
495	264.78
498.818	265.43
510	265.567
525	266.336
540	266.805
550.799	266.869
555	267.739
566.91	269.683
570	269.633
572.012	269.393
573.928	269.759
575.548	269.548
577.192	269.744
579.084	269.296
580.947	269.599
585	269.456
590.556	269.17

SECTION - EXISTING DWELLING LOT 27 DP 255689

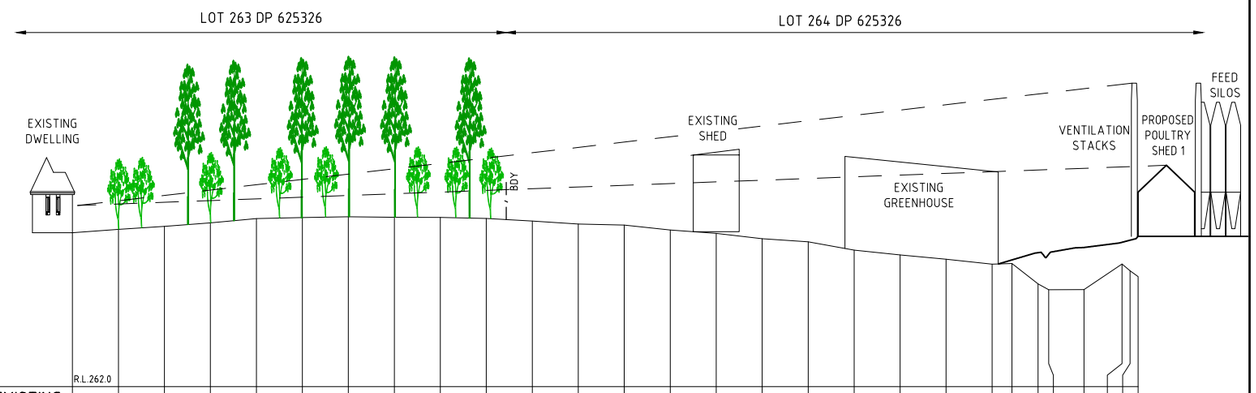
H=1:2000 V=1:400



CHAINAGE	EXISTING LEVEL
0	269.181
15	269.403
30	269.641
45	269.817
60	269.831
75	269.92
90	270
105	270.103
120	269.952
135	270.031
150	269.856
165	269.628
180	269.203
195	268.868
203.394	269.232
208.525	270.363
210	270.354
225	270.205
240	270.081
247.614	269.994
249.573	269.529
255	269.136
257.618	268.259
270	268.202
282.626	268.281
285	269.039
287.627	269.486
290.621	269.507
292.629	269.925
297.008	269.17

SECTION - EXISTING DWELLING LOT 261 DP 625326

H=1:2000 V=1:400



CHAINAGE	EXISTING LEVEL
0	272.038
15	272.255
30	272.45
45	272.676
60	272.957
75	273.025
90	273.075
105	273.044
120	273.039
135	272.965
150	272.798
165	272.601
180	272.532
195	272.215
210	271.992
225	271.643
240	271.44
255	270.904
270	270.591
285	270.307
300	269.99
306.484	270.026
315	268.702
318.449	268.32
330	268.331
342.38	269.992
345	269.555
347.698	269.17

SECTION - EXISTING DWELLING LOT 263 DP 625326

H=1:2000 V=1:400

SOURCE: PROFILE FROM 1 METRE RESOLUTION DIGITAL ELEVATION MODEL DERIVED FROM C3 LIDAR (FLOWN 4-5-2014), ACCESSED FROM GEOSCIENCE AUSTRALIA'S ELEVATION INFORMATION SYSTEM WEB PORTAL

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

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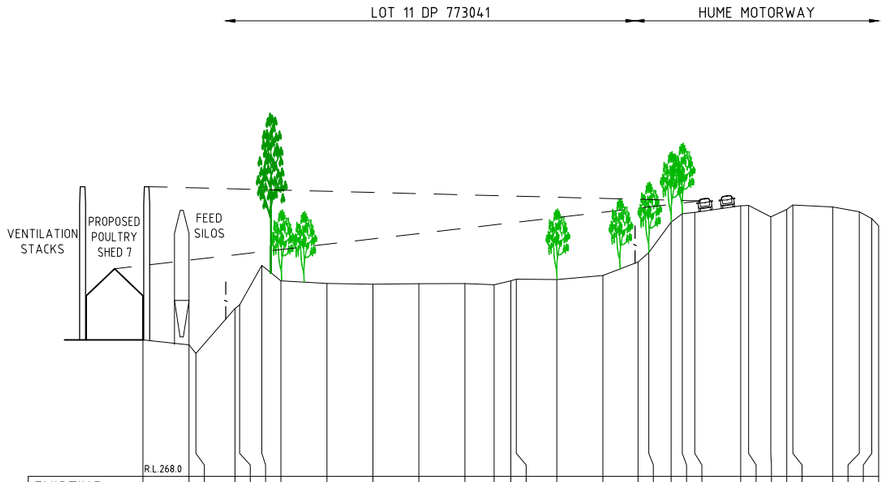
TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

NEIGHBOURING DWELLING SECTIONS

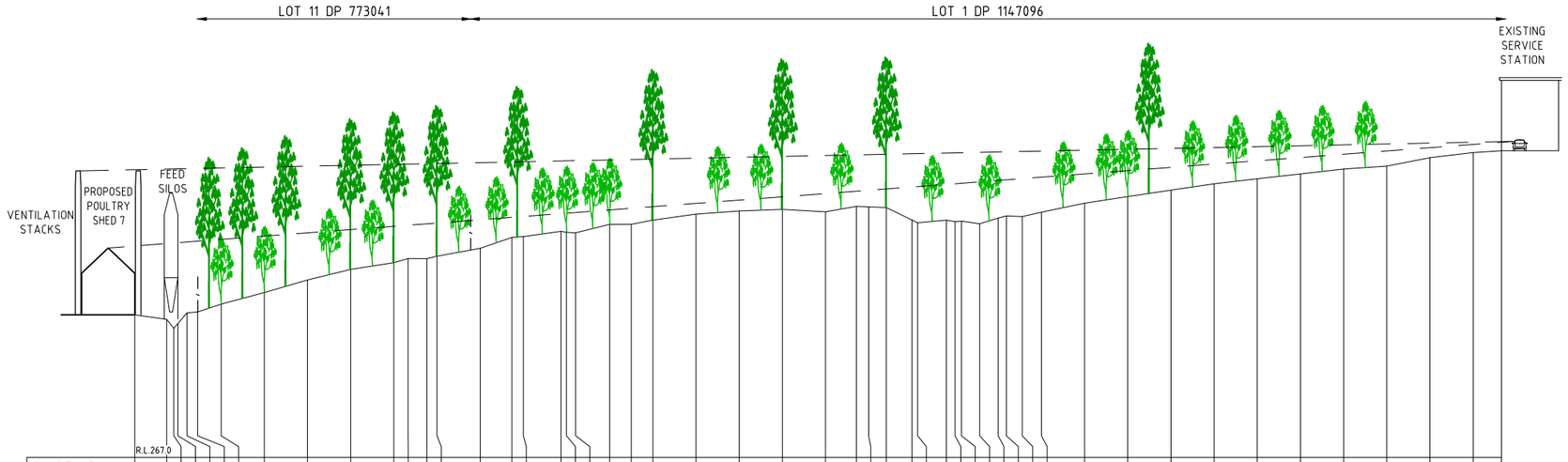
SCALE : AS SHOWN
SHEET No. : 15
JOB No. : 216307
FILE : 21700109
DATE : Plotted 16:58 26/04/18
SHEET SIZE A3
COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg



CHAINAGE	EXISTING LEVEL
0	276.9
15	276.579
17.244	276.019
30	278.95
31.543	279.184
38.762	281.759
45	280.758
60	280.586
75	280.536
90	280.565
105	280.515
114.557	280.498
120	280.752
121.776	280.862
135	280.84
150	281.105
161.478	281.983
165	282.6
172.306	284.583
175.915	285.134
180	285.22
195	285.644
197.571	285.674
204.79	286.924
210	285.413
212.009	285.696
225	285.569
233.664	285.256
237.745	286.808
240	286.344

SECTION - HUME MOTORWAY

H=1:2000 V=1:400



CHAINAGE	EXISTING LEVEL
0	276.9
11.084	276.58
13.527	275.969
15	276.295
18.117	277.031
21.831	277.096
30	277.642
45	278.447
60	279.316
75	280.057
90	280.523
94.958	280.804
101.48	280.801
105	280.97
120	281.522
131.028	282.269
135	282.329
148.07	282.698
150	282.63
153.189	282.592
165	283.179
172.531	283.183
180	283.477
195	283.886
210	284.113
225	284.22
240	284.054
250.714	284.429
255	284.398
261.138	284.343
270	283.482
271.997	283.288
281.987	283.475
285	283.362
287.199	283.407
293.542	283.223
300	283.616
302.836	283.767
308.316	283.722
315	284.023
330	284.648
345	285.11
360	285.561
375	285.996
390	286.347
405	286.681
420	287.022
435	287.229
450	287.813
465	288.165
474.838	288.289

SECTION - EXISTING SERVICE STATION LOT 1 DP 1147096

H=1:2000 V=1:400

SOURCE: PROFILE FROM 1 METRE RESOLUTION DIGITAL ELEVATION MODEL DERIVED FROM C3 LIDAR (FLOWN 4-5-2014), ACCESSED FROM GEOSCIENCE AUSTRALIA'S ELEVATION INFORMATION SYSTEM WEB PORTAL

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

* Denote the original signature and date when revision was issued.

NEIGHBOURING DWELLING SECTIONS

TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE : AS SHOWN
SHEET No. : 16
JOB No. : 216307
FILE : 21700197
DATE : Plotted 16:41 26/04/18
SHEET SIZE A3
COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

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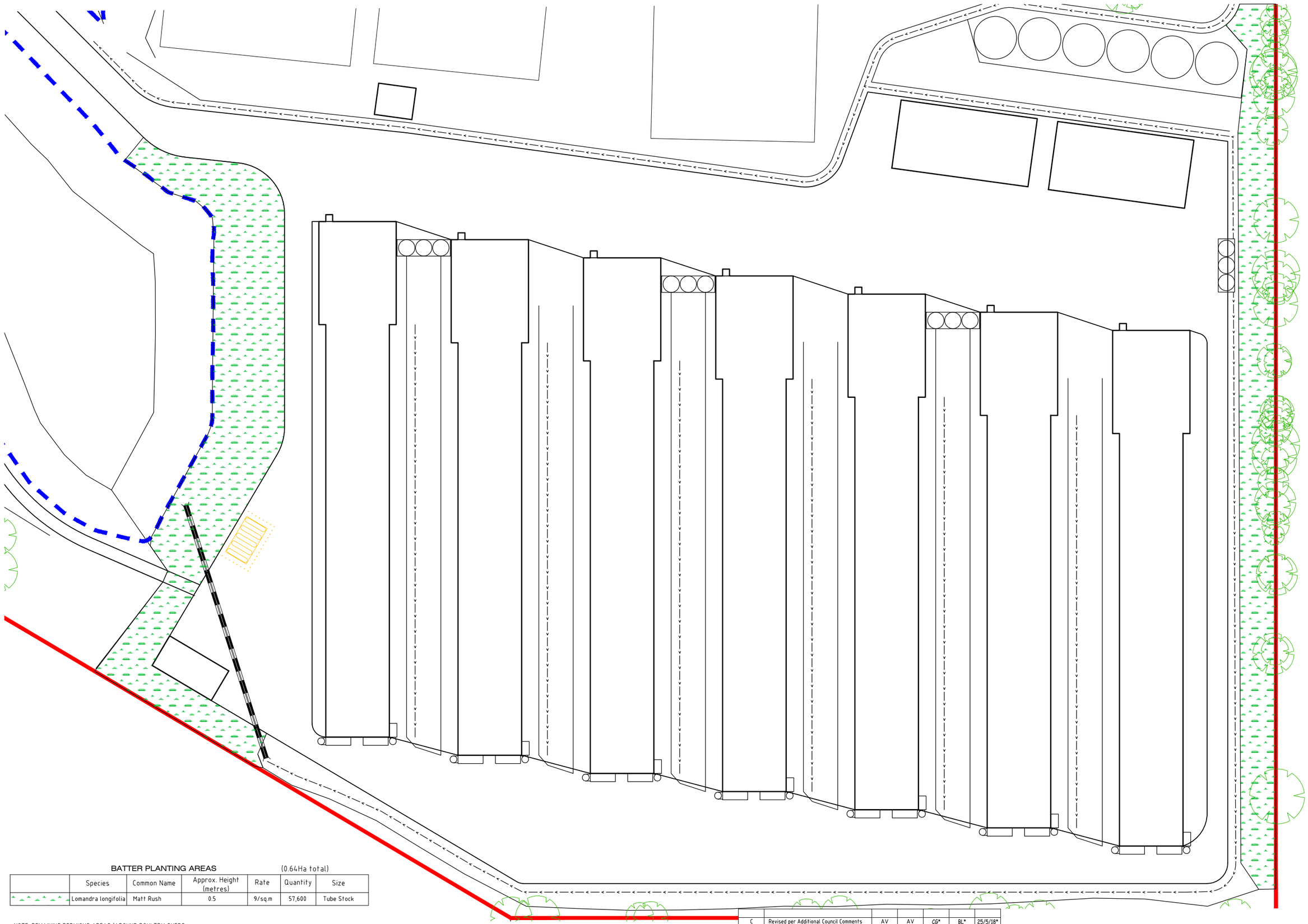
TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

CUT - FILL PLAN

SCALE : 0 20 40m (1:2000for A3Size Plot)
SHEET No. :17
JOB No. : 216307
FILE : 21700110
DATE : Plotted 16:41 26/04/18
SHEET SIZE A3
COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg



BATTER PLANTING AREAS (0.64Ha total)

	Species	Common Name	Approx. Height (metres)	Rate	Quantity	Size
	Lomandra longifolia	Matt Rush	0.5	9/sq.m	57,600	Tube Stock

NOTE: REMAINING PERVIOUS AREAS (AROUND POULTRY SHEDS, RAINWATER TANKS, DAM EMBANKMENTS AND OTHER BATTER SLOPES) TO ESTABLISH AND MAINTAIN A GOOD GRASS COVERAGE

LANDSCAPE PLAN

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

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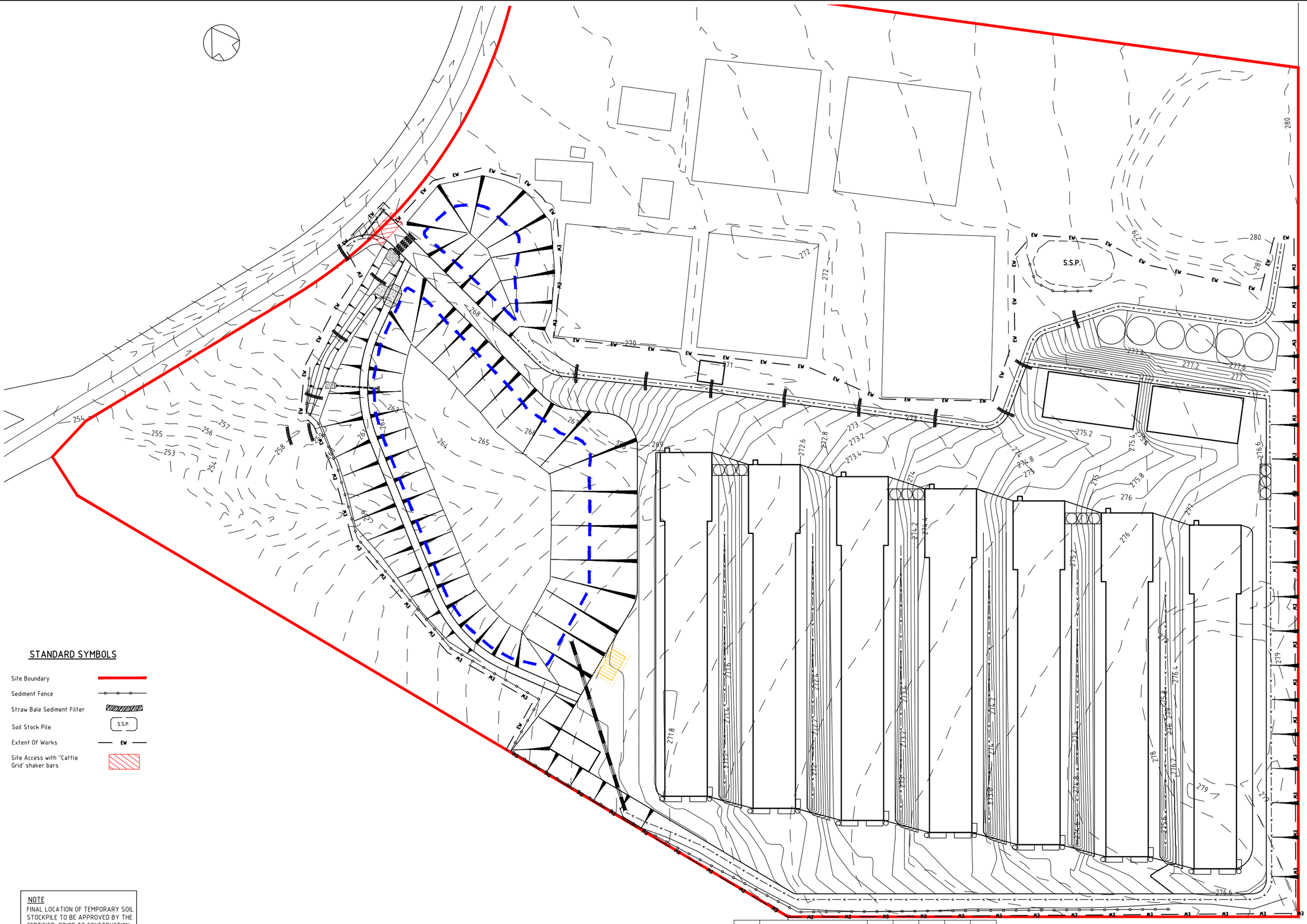
TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE : 0 10 20m (1:1000 for A3 Size Plot)

SHEET No. : 18 | FILE : 21700111 | SHEET SIZE A3

JOB No. : 216307 | DATE : Plotted 16:41 26/04/18

COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg



STANDARD SYMBOLS

- Site Boundary
- Sediment Fence
- Straw Bale Sediment Filter
- Soil Stock Pile (S.S.P.)
- Extent Of Works (EW)
- Site Access with "Cattle Grid" shaker bars

NOTE

FINAL LOCATION OF TEMPORARY SOIL STOCKPILE TO BE APPROVED BY THE CERTIFIER PRIOR TO CONSTRUCTION

EROSION AND SEDIMENT CONTROL PLAN

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

* Denote the original signature and date when revision was issued.

TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE : 0 10 20m
1:1500 for A3 SIZED PLOT

SHEET No. :19
JOB No. : 216307

FILE : 217001 12
DATE : Plotted 16:41 26/04/18

SHEET SIZE A3

COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg

SOIL & WATER MANAGEMENT NOTES

1. This plan is to be read in conjunction with other engineering plans and any written instructions that may be issued.

2. The contractor shall implement all soil erosion and sediment control measures prior to disturbance of the related catchment area and to the satisfaction of the Superintendent.

3. The location of "silt" fences, barrier fences, sediment traps, basins and other devices are indicative only and final locations are to be decided on site. Variations will be permitted to best suit the circumstances.

4. Construct both proposed dams before large scale disturbance of upstream lands. These dams are to be operated as sedimentation basins until all disturbed areas are stabilised. Captured water to be tested and flocculated as necessary (in line with The Blue Book recommendations) before release downstream. Captured water may also be re-used for dust suppression during construction.

5. Cleared vegetation must be disposed of by :-
i) chipping or mulching for future landscaping and usage, or
ii) transport to an approved landfill facility.

5. Temporary crossbanks (bunds constructed with earth, straw bales or sandbags), shall be constructed during roadworks to limit slope length, where possible, to 80 metres. These shall be constructed immediately prior to forecast rain and during temporary closure of the site, including weekends.

6. Temporary rehabilitation should be undertaken on disturbed areas where works have stopped and soils are expected to remain exposed for two months.

7. Sediment barriers (e.g. sandbags or straw bales) should be located upstream of stormwater inlet pits prior to the road surface being paved and lands upslope being rehabilitated.

8. At the conclusion of each day sand bags are to be placed at the end of completed sections of road pavement to prevent scouring.

9. The contractor will inspect all erosion and pollution control works at least weekly and following every rainfall event greater than 5mm, providing particular attention to the following matters :
   (a) Ensure drains operate effectively and initiate repair as required.
   (b) Remove spilled sand (or other materials) from hazard areas, including lands closer than 5 metres from likely areas of concentrated or high velocity flows such as waterways and paved areas.
   (c) Ensure rehabilitated lands have effectively reduced the erosion hazard and initiate upgrading or repair as appropriate.
   (d) Construct additional erosion and/or sediment control works as might become necessary to ensure the desired protection is given to downslope lands and waterways, i.e.,make ongoing changes to the plan.
   (e) Maintain erosion and sediment control measures in a functioning condition until all earthwork activities are completed and the site is rehabilitated.
   (f) Remove temporary soil conservation structures as a last activity in the rehabilitation program.

10. Utilise a single access only to the stock pile sites.

11. Do not taint clean catchment water with silt from the works.

12. Drop inlets which do not outlet to silt traps shall be blocked until all works are completed.

13. Rehabilitate the site as soon as possible after the completion of construction activities and within 10 working days. Lands where works are not to continue for more than 20 working days must be rehabilitated Such rehabilitation shall involve the spraying of a straw-bitumen mulch to the disturbed lands or equivalent.

14. Access areas limited to a maximum width of 10 (preferably 5) metres.

15. All positions shown are approximate and are best determined on site in conjunction with the superintendent.

16. Conformity with this plan shall in no way reduce the responsibility of the Contractor to protect against water damage during the course of the contract.

17. Topsoil and spoil shall be stockpiled in non-hazard areas and protected from surface run-off by diversion drains or similar. Stockpiles shall be surrounded on downstream sides by silt fencing. Stockpiles shall be suitably compacted to inhibit erosion. Where the stockpiling period exceeds four (4) weeks, the stockpile shall be seeded to encourage vegetation growth.

18. Topsoil shall be respread and stabilised as soon as possible. Disturbed areas shall be left with a scarified surface to encourage water infiltration and assist keying in topsoil.

19. The contractor shall provide a turf strip behind all kerb and gutter at completion of footpath formation.

20. The contractor shall maintain grass cover until all works have been completed including the maintenance period, by frequent watering and mowing where required.

21. All drainage works shall be constructed and stabilised as quickly as possible to minimise risk of erosion.

22. Vehicular traffic shall be controlled during construction confining access where possible to proposed or existing road alignments plus 3 metres. Areas to be left undisturbed shall be marked off.

23. Site access shall be restricted to a nominated point. The construction of a shake-down area will be required at the entry to the site.

24. Facilities and/or equipment must be provided for the application of water to disturbed areas to minimise the generation of airborne dust from any area disturbed by construction activities.

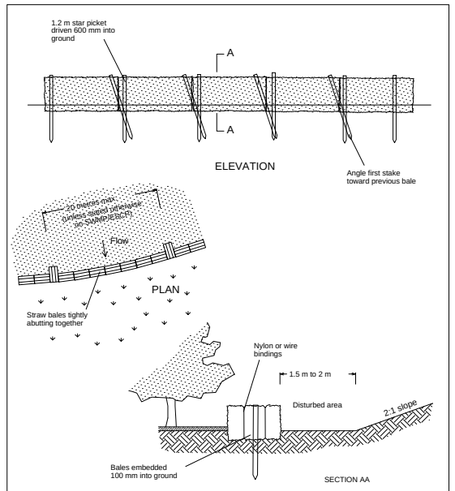
25. Material removed from sediment control structures must be disposed of in a way that does not pollute waters or bushland.

26. Waste disposal containers must be provided on site for the collection and disposal of all industrial and domestic type wastes generated on site.

27. Concrete wastes or washings from any concrete mixture or deliveries must not be deposited in any location where they can flow or be washed into waters.

28. Runoff from vehicle, construction plant or mobile plant maintenance and cleaning areas must be contained, collected and disposed of in a manner to prevent entry into any waters, including sediment retention ponds.

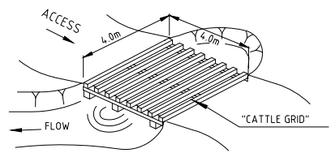
29. Fuelling of vehicles and construction plant must be carried out with an operator or driver present, and in a way that prevents any spillage occurring.



Construction Notes

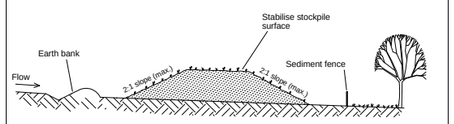
1. Construct the straw bale filter as close as possible to being parallel to the contours of the site.
2. Place bales lengthwise in a row with ends tightly abutting. Use straw to fill any gaps between bales. Straws are to be placed parallel to ground.
3. Ensure that the maximum height of the filter is one bale.
4. Embed each bale in the ground 75 mm to 100 mm and anchor with two 1.2 metre star pickets or stakes. Angle the first star picket or stake in each bale towards the previously laid bale. Drive them 600 mm into the ground and, if possible, flush with the top of the bales. Where star pickets are used and they protrude above the bales, ensure they are fitted with safety caps.
5. Where a straw bale filter is constructed downslope from a disturbed batter, ensure the bales are placed 1 to 2 metres downslope from the toe.
6. Establish a maintenance program that ensures the integrity of the bales is retained - they could require replacement each two to four months.

STRAW BALE FILTER — SD 6-7



TEMPORARY CONSTRUCTION EXIT
SHAKE-DOWN FACILITY DETAIL (CATTLE GRID)

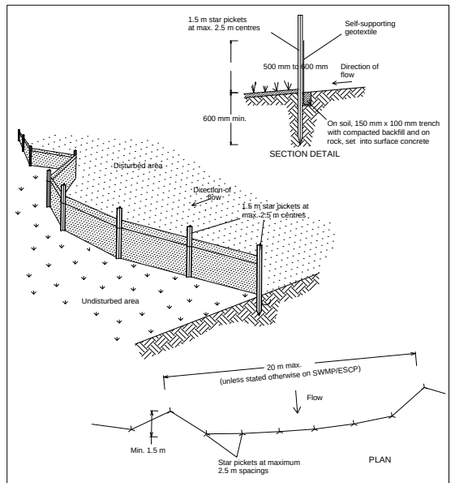
NOT TO SCALE



Construction Notes

1. Place stockpiles more than 2m (preferably 5m) from existing vegetation, concentrated water flow, roads and hazard areas.
2. Construct on the contour as low, flat, elongated mounds.
3. Where there is sufficient area, topsoil stockpiles shall be less than 2m in height.
4. Where they are to be in place for more than 10 days, stabilise following the approved ESCP or SWMP to reduce the C-factor to less than 0.10.
5. Construct earth banks (Std Drawing 5-5) on the upslope side to divert water around stockpiles & sediment fences (Std Drawing 6-8) 1-2m downslope.

STOCKPILES — SD 4-1



Construction Notes

1. Construct sediment fences as close as possible to being parallel to the contours of the site, but with small returns as shown in the drawing to limit the catchment area of any one section. The catchment area should be small enough to limit flow if concentrated at one point to 50 l/s in the design storm, usually the 10yr event.
2. Cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
3. Drive 1.5m long star pickets into ground at 2.5m intervals (max) at the downslope edge of the trench. Ensure any star pickets are fitted with safety caps.
4. Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. Fix the geotextile with wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing. The use of shade cloth for this purpose is not satisfactory.
5. Join sections of fabric at a support post with a 150mm overlap.
6. Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

SEDIMENT FENCE — SD 6-8

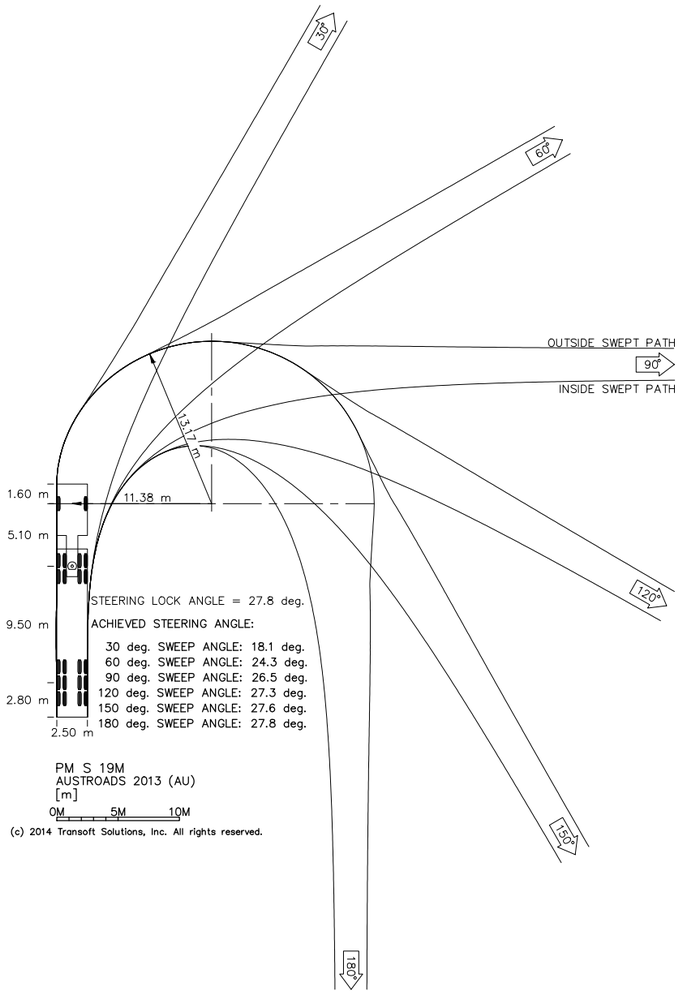
EROSION AND SEDIMENT CONTROL NOTES

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

* Denote the original signature and date when revision was issued.

TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE :
SHEET No. : 20
JOB No. : 216307
FILE : 21700113
DATE : Plotted 16:51 26/04/18
SHEET SIZE A3
COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg



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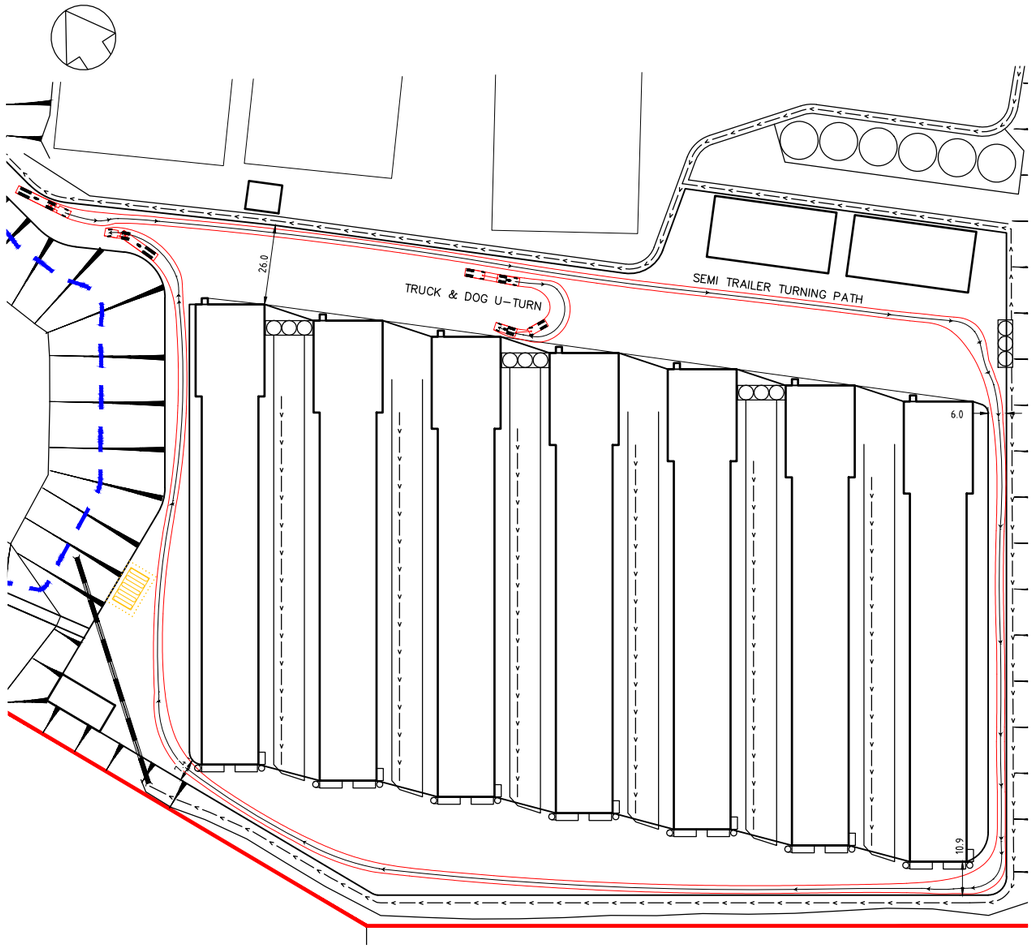

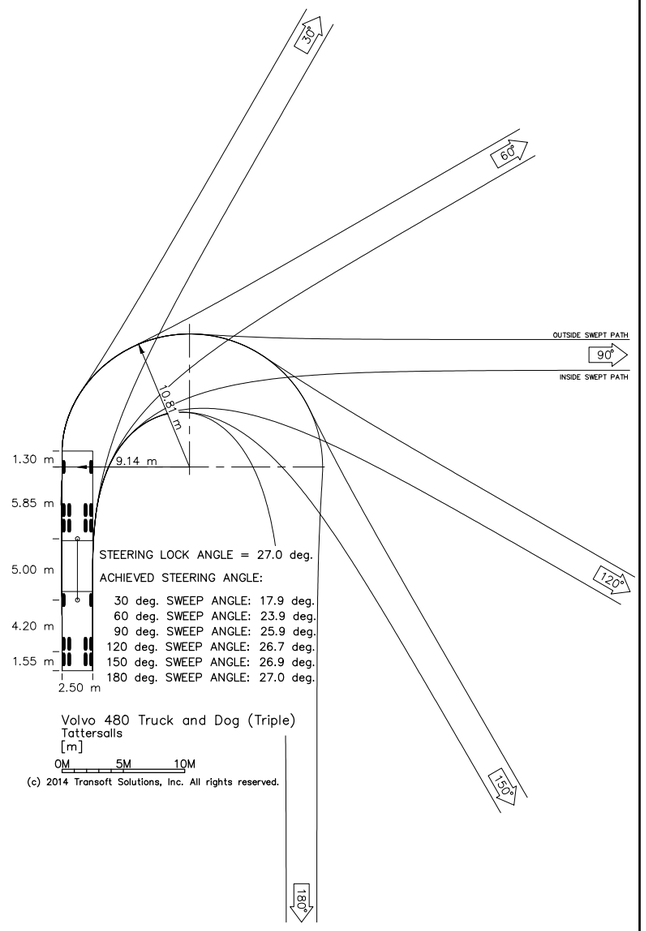

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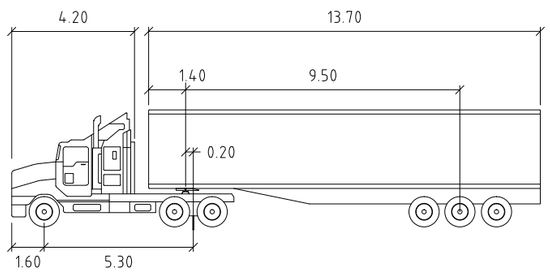
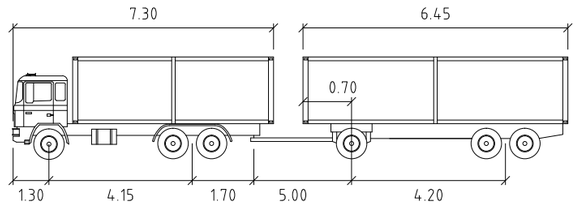


PM S 19M meters

Tractor Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 27.8
Tractor Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		



Volvo 480 Truck and Dog (Triple) meters

First Unit Width	: 2.50	Lock to Lock Time	: 6.0
Trailer Width	: 2.50	Steering Angle	: 27.0
First Unit Track	: 2.50	Articulating Angle	: 70.0
Trailer Track	: 2.50		

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Additional Council Comments	AV	AV	CG*	BL*	25/5/18*
B	Revised per Council Comments	AV	AV	CG*	BL*	26/04/18*
A	Original Issue	AV	AV	CG*	BL*	20/02/17*

* Denote the original signature and date when revision was issued.

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PLAN SHOWING PROPOSED TRUCK TURNING PATHS

LOT 264 IN DP 625326
180 MOCKINGBIRD ROAD, PHEASANTS NEST

COUNCIL: WOLLONDILLY	REFERENCE: 21700198
PARISH: BARGO	SHEET SIZE: A3
SCALE: 1:2000 on A3	SHEET No.: 21
DATE : Plotted 16:51 26/04/18	

CLIENT: LIMOUSIN No.1 PTY LTD | JOB No.: 216307 | COMPUTER FILE : S:\Clients\2016\216307\Dwg\216307 Design - 7 Sheds.dwg