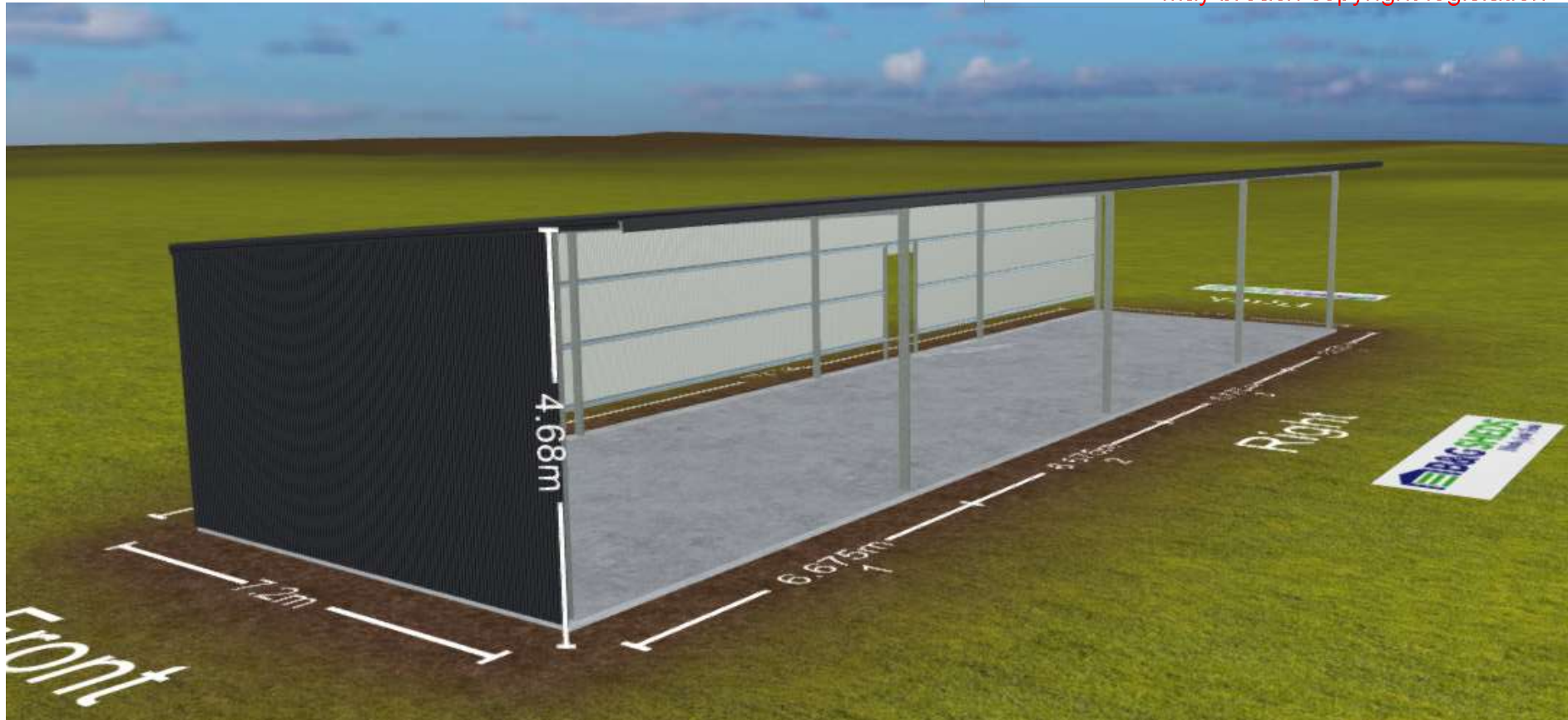


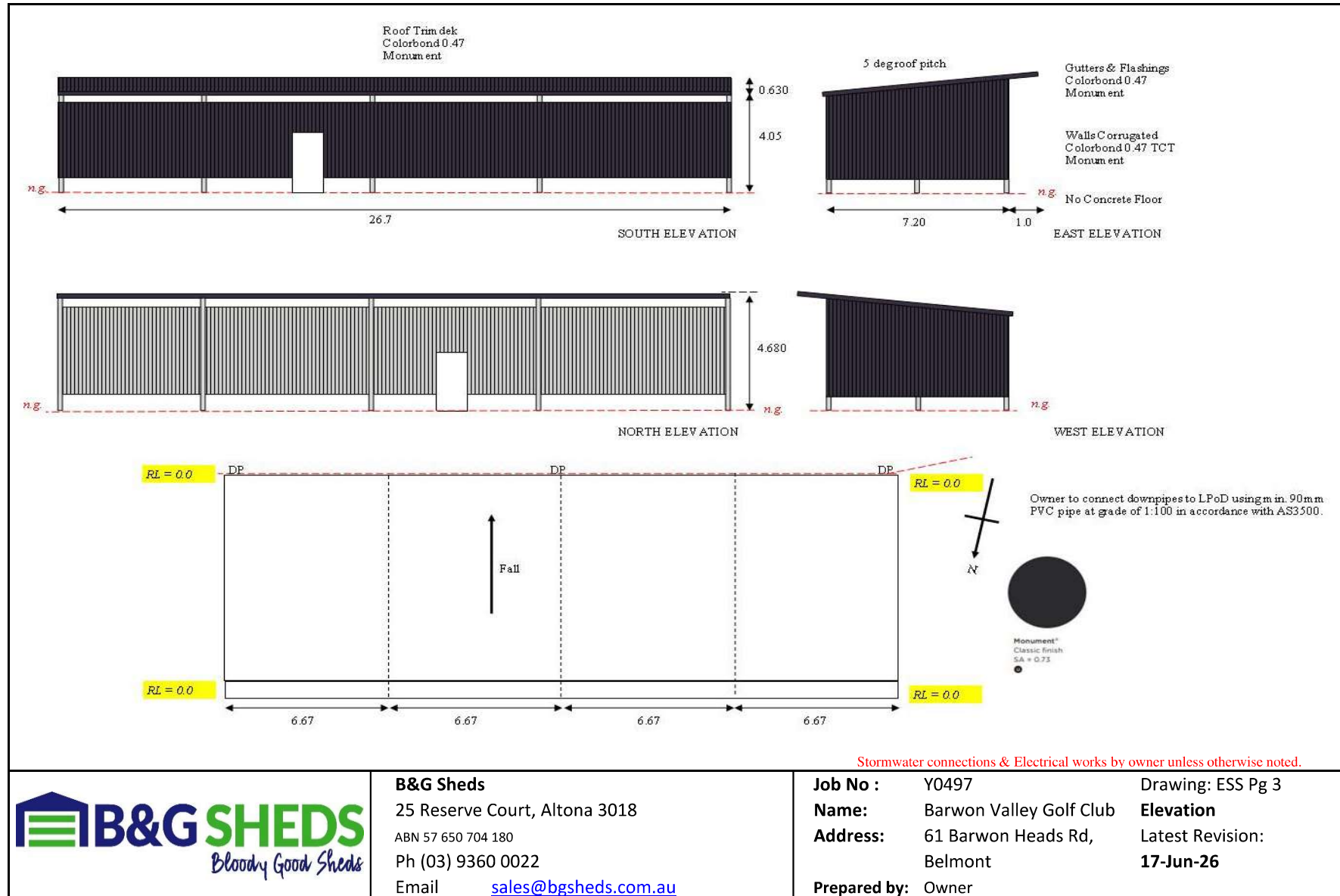
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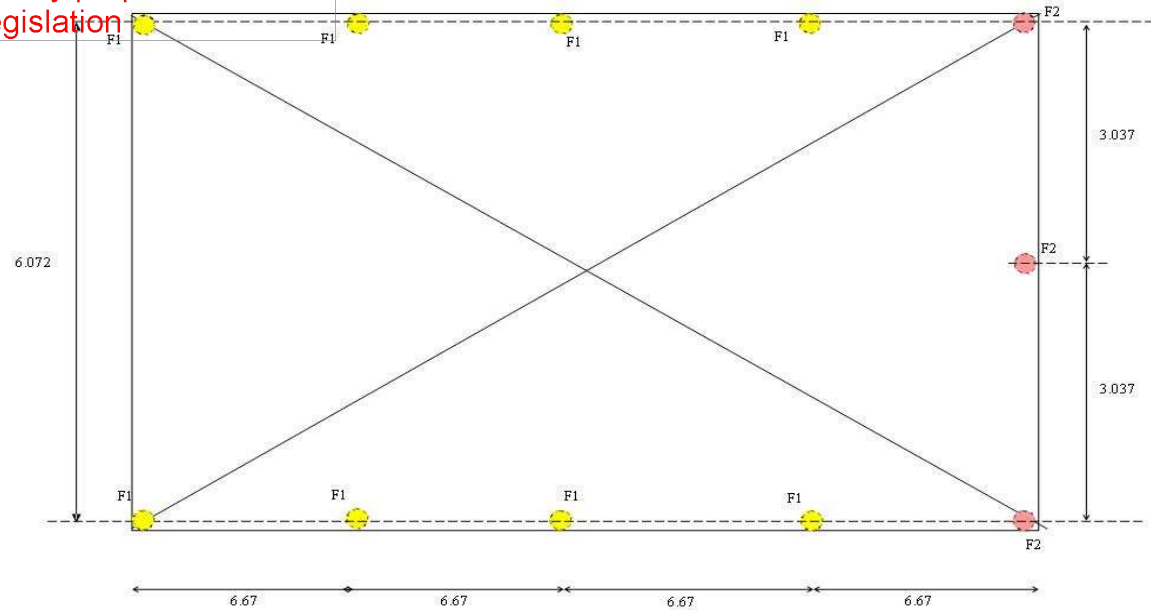
Job No : Y0497
Name: Barwon Valley Golf Club
Address: 61 Barwon Heads Rd,
 Belmont
Prepared by: Owner

Drawing: ESS Pg 1
3D Image
 Latest Revision:
17-Jun-26

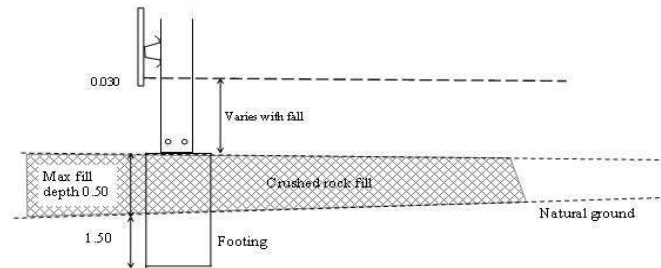


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Job No : Y0497
Name: Barwon Valley Golf Club
Address: 61 Barwon Heads Rd, Belmont
Prepared by: Owner
Drawing: ESS Pg 3
Elevation
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Slab Thickness	-	Slab Diagonal	-
Reinforcement	25 mPA	Footings Diagonal	27.224 Mt
Concrete Strength	600 dia x 1800 deep	Sides Tolerance	+/- 5mm
Footings - F1	600 dia x 900 deep	Surface Tolerance	+/- 5mm
Footings - F2		Diagonal Tolerance	+/- 5mm
		EJ 1	-
		EJ 2	-



This is your job specific slab plan. This is the only plan you are to use when preparing your slab.
Note - All footings and slabs must be inspected prior to pouring. Allow 24-48 hrs notice when booking inspections.



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Job No : Y0497
Name: Barwon Valley Golf Club
Address: 61 Barwon Heads Rd,
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Prepared by: B&G Sheds

Drawing: ESS Pg 4
Slab Plan
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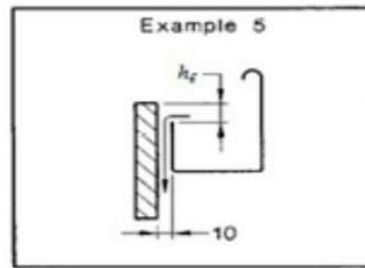
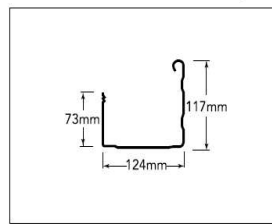
Job No : Y0497
Name: Barwon Valley Golf Club
Address: 61 Barwon Heads Rd,
Belmont
Prepared by: Owner

Drawing: ESS Pg 5
Site Photo
Latest Revision:
17-Jun-26

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Roof Drainage Calculations:

Shed Size	Length	26.70	Width	7.20
Shed Roof Area	192.24	Mt2		
Roof Pitch	5	Deg		
Slope Factor	1.04			
Total Catchment Area	199.9296	Mt2		
Gutter Cross Sectional Area	8680	mm2	125mm Trimline	
Proposed Gutter will be installed with a slope of 1:500.				
Min Cross-sectional downpipe area size	6400	mm2		
Minimum Downpipe Size	100 x 70mm			
Max Catchment Area per downpipe	75	Mt2		
All catchment area are to be less than the maximum area of 50				
Min No of DP required	3	rounded up		
Average Catchment per DP	66.6432			
Min no of DP = Roof catchment area divided by allowable catchment per downpipe				
Rainfall Intensity for the location	132 mm/hr	Melbourne City		
		as per AS/NZS3500.3 Table E1		
Eaves overflow average rainfall intensity	187 mm/h (100 year/5mins)			
Litres per sec per meter	2.5 L/s			
Overflow measures				
referenced from AS/NZS 3500.3 Appendix G				
Divide 2.5 by the length of the gutter	0.093633			
Average inflow pm of gutter L/s/m	14	Refer to table G1.		

TRIMLINE GUTTER (AV.

All Roof Drainage Plumbing to be carried out as per AS3500.3

TABLE 3.4.3.2
CATCHMENT AREA MULTIPLIER (F) FOR VARIOUS ROOF SLOPES
(FOR EAVES GUTTERS ONLY)

Roof slope degrees	Multiplier (F)	Roof slope degrees	Multiplier (F)	Roof slope degrees	Multiplier (F)
0	1.00	22	1.20	44	1.48
1	1.01	23	1.21	45	1.50
2	1.02	24	1.22	46	1.52
3	1.03	25	1.23	47	1.54
4	1.03	26	1.24	48	1.56
5	1.04	27	1.25	49	1.58
6	1.05	28	1.27	50	1.60
7	1.06	29	1.28	51	1.62
8	1.07	30	1.29	52	1.64
9	1.08	31	1.30	53	1.66
10	1.09	32	1.31	54	1.69
11	1.10	33	1.32	55	1.71
12	1.11	34	1.34	56	1.74
13	1.12	35	1.35	57	1.77
14	1.12	36	1.36	58	1.80
15	1.13	37	1.38	59	1.83
16	1.14	38	1.39	60	1.87
17	1.15	39	1.40	61	1.90
18	1.16	40	1.42	62	1.94
19	1.17	41	1.43	63	1.98
20	1.18	42	1.45	64	2.03
21	1.19	43	1.47	65	2.07

Table 1: Catchment area multiplier (F) for various roof slopes, referenced from HB 39 Table 3.5.2

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Drawing: ESS Pg 6

Drainage Calculations

Latest Revision:

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