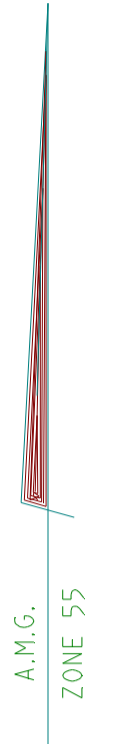
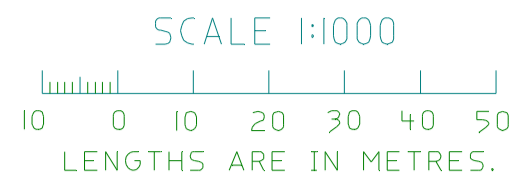


# PRACTICE & CHIPPING FAIRWAYS - DRAINAGE PLAN

ST. JOHN'S GOLF COURSE,  
HERITAGE GOLF & COUNTRY CLUB,  
HUGHES ROAD, CHIRNSIDE PARK, 3116.



LEGEND	
●	Drainage Pit (Not Found)
⊕	300mm Drainage Pit
⊗	450mm Drainage Pit
⊙	750mm Drainage Pit
○	PVC Riser
⬤	Flood Light
⚡	Electricity Pit
— G —	Edge of Green
— F —	Edge of Fairway
— B —	Edge of Bunker
— E —	U/G Electric Cable
— T —	Edge of Tee
— D —	Approx. Edge of Lake
---	100mm PVC Pipe
---	150mm PVC Pipe
---	225mm PVC Pipe
---	225mm FRC Pipe
---	300mm FRC Pipe
---	450mm FRC Pipe
---	750mm FRC Pipe

CHIPPING FAIRWAY - SURFACE AREAS	
BUNKERS:	
CFB1	= 10m <sup>2</sup>
CFB2	= 78m <sup>2</sup>
CFB3	= 52m <sup>2</sup>
FAIRWAY	= 1122m <sup>2</sup>
GREEN	= 385m <sup>2</sup>

PRACTICE FAIRWAY - SURFACE AREAS	
TEES :	
PFT1	= 3244m <sup>2</sup>
PFT2	= 2018m <sup>2</sup>
BUNKERS:	
PFB1	= 111m <sup>2</sup>
PFB2	= 172m <sup>2</sup>
FAIRWAY	= 24640m <sup>2</sup>

**NOTATIONS:**

This plan has been drawn for Ralph Grierson from our as built survey records based on our previous survey Ref: 99034 File: HGC\_mstr. This is not necessarily a complete record of all the main drainage lines & pits constructed upon the golf course, as it was never checked by Muirfield Pty. Ltd. prior to the liquidation of that Company. This plan should only be used for the purpose for which it was intended. Wayne B. Thomas can accept no liability for any loss or damage howsoever arising, to any person or corporation who may rely on this plan for any purpose.

Lakes are shown for approximate position only, as their location was not subject to survey.

Drainage lines shown between pits should be used as an approximate guide to location only, as their position was not always definable in our survey.

Areas shown for Tees, Greens, Fairways & Bunkers are based on the as constructed areas. The actual Final Cut Area may vary slightly from our calculated areas, but they should still be a reasonable approximation.

The Drainage Pit Table shows Coordinate Positions, Invert RL's & Pit Cover RL's where located for each pit. These have been derived from the original Control Pillars constructed on the course.

Pit Identifiers: (eg. 1BP01)  
The initial part of the identifier refers to the hole number that it is related to, 1 through to 18. Additional to the numbered holes, Pits may be initially referenced with PF (for Practice Fairway) or PG (for Putting Green). The second part of the Pit ID contains 2 characters which give a description of the pit: BP - Buried Pit, SP - Surface Pit, & RP - PVC Riser. The last two numbers represent the pit number for the hole.

The original of this plan remains the property of Wayne B. Thomas & copies of this plan must not be reproduced without this note which is an integral part of this plan.

PIT ID No.	East	North	PIT I.L.	PIT C.L.
PFSP01	349835.1	5824288.2	56.95	58.07
PFSP02	349787.8	5824276.1	57.45	59.08
PFSP03	349757.1	5824238.3	57.43	59.07
PFSP04	349721.6	5824211.3	57.37	59.05
PFSP05	349727.0	5824183.2	57.47	58.99
PFSP06	349728.6	5824281.4	58.31	59.02
PFSP07	349764.0	5824289.4	58.15	58.97
PFSP08	349807.1	5824254.6	58.86	59.39
PFSP09	349786.4	5824239.9	58.52	59.09
PFSP10	349784.2	5824194.6	58.70	59.24
PFSP11	349661.9	5824224.3	58.29	58.97
PFSP12	349697.2	5824209.3	58.26	59.03
PFSP13	349696.8	5824178.5	58.46	59.04
PFSP14	349709.4	5824134.8	57.98	59.03
PFSP15	349676.9	5824137.7	58.34	59.04
PFSP16	349687.5	5824121.3	58.35	59.07
PFSP17	349681.7	5824095.9	58.01	59.02
PFSP18	349712.0	5824075.6	58.50	59.53
PFSP19	349642.5	5824096.2	58.21	59.12
PFBP20	349642.9	5824069.5	59.79	60.67
PFBP21	349636.7	5824046.3	60.09	60.97
PFSP22	349731.3	5824032.0	58.89	60.55
PFSP23	349694.9	5824003.9	59.40	
PFSP24	349649.2	5824014.9	60.04	
PFSP25	349636.0	5824005.7	60.23	
PFSP26	349665.6	5823985.0	59.42	
PFSP27	349679.4	5823964.7	59.12	59.99
PFBP28	349706.1	5823977.0	59.30	60.21
PFSP29	349713.2	5823984.4	59.57	60.02
PFSP30	349644.7	5824220.2	58.27	

REF : 201026 / PF & CF  
DATE DRAWN : 23/04/2001  
VERSION No : 1  
SHEET 1 OF 1  
ORIGINAL SHEET SIZE : A1

**WAYNE B. THOMAS**  
LICENSED LAND SURVEYOR  
3407 WARBURTON HIGHWAY, WARBURTON, 3799.  
PH: (03) 5966-2222 FAX: (03) 5966-9119  
E-MAIL: kgthomas@bigpond.com