







### **Vancouver Board of Parks and Recreation**

# Synthetic Turf Playfield Dimensions March 16, 2010

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### Synthetic Turf Playfields at Jericho & Memorial South Parks Field Dimension Discussion

#### **Purpose**

Address questions arising about the size of the playfields to be constructed at Jericho and Memorial South Parks

### **Background**

- Board approved sites on Feb. 8, 2010
- Rugby expressed interest in synthetic turf playfield at Jericho
- Subsequently, other field users expressed interest in building larger playfield

#### Main goals of synthetic turf program

- 1980s-1990s: accommodate field hockey
- 2000s: accommodate soccer
  - Increase the overall supply
  - Reduce impact of grass field closures during rainy season

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### Typical field of play

- 64 m wide by 100 m long
- Size provided at Pt. Grey, VanTech and Trillium
- 70% of fields in suburbs are equal or smaller



Field requirements	Width	Length
■ Rugby:	max. 70 m	max. 144 m
■ Soccer (adult):	45-90 m	90-120 m
■ Soccer (11-12 yrs old) (2 fields):	60-75 m	94-120 m
Ultimate (2 fields):	76 m	110 m
■ Field hockey:	55 m	91 m
Typical field provided:	64 m	100 m

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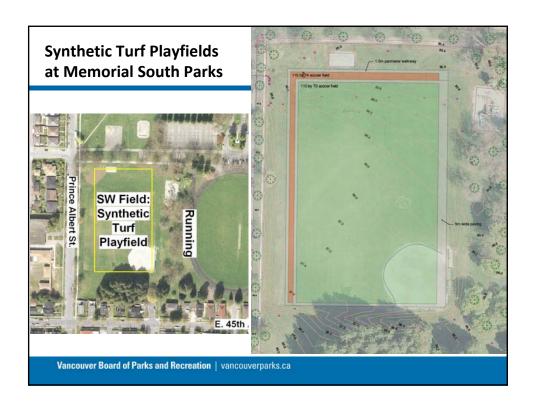
### **Suggested dimensions:**

	width:	length:
■ Staff proposal:	64 m	100 m
■ Federation proposal:	68 m	105-110 m
Rugby proposal:	68 m	120-125 m

### **Number of players**

- Soccer (12,000-15,000 players)
- Ultimate (4,000 players)
- Rugby (1,000-1,500 players)
- Field hockey (1,000-1,500 players)





### **Synthetic Turf Playfields at Jericho & Memorial South Parks Field Dimension Discussion Budget Analysis** A. Field of play is 64 m by 100 m TOTAL \$128,000 \$982,000 TOTAL \$6,110,000 B. Field of play is 68 m by 105 m incremental cost increase over A \$300,000 TOTAL \$6,410,000 C. Field of play is 68 m by 120 m - incremental cost increase over B \$200,000 \$6,610,000 TOTAL Vancouver Board of Parks and Recreation | vancouverparks.ca

### Risks associated with a larger field?

- Budget is tight what if bids are higher than anticipated? Board would have to make trade offs later on.
- Would larger field be seen as the typical size to provide in the future?
- Fewer hours get allocated to soccer the main target group of the synthetic turf playfield program.

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#### Summary

- The typical 64 by 100 m field serves a wide range of users.
- The incremental benefits generated by a larger field do not justify the increased costs/risks.
- The issue could be reviewed in greater detail as part of the update to the Playing Field Renewal Plan.