

Attachment A final detailed plans for Hockey Hibiscus Trust by Tigerturf NZ Limited comprising fencing plan and side details for drainage

FENCING SPECIFICATION

Type A - goal backdrop (4.00m high)

POSTS - spaced 2.00m centre-centre
 65NB 4.0 gauge galv.iron pipe
 EMBEDMENT - 900mm in Ø300mm pile
 RAILS - top 50NB3.6 gauge galv.iron pipe
 bottom 50NB 3.6 gauge galv.iron pipe
 TENSION WIRE - 2.00mm galv.high tension
 at 2.00m on posts
 PANELS - 2.5 gauge 50mm diamond pattern
 galv.wire mesh
 laced to posts and tension wire

TYPE B - Practice goal back drop fence (2.4m high)

POSTS - spaced 2.4m centre-centre 50NB
 4.0 gauge galv. iron pipe
 EMBEDMENT - 800mm in Ø250mm pile
 RAILS - top & bottom 40NB 2.3 gauge
 galv.iron pipe
 TENSION WIRE - 2.00mm galv.high tension
 at 2.0m on posts
 PANELS - 2.5 gauge 50mm diamond pattern
 galv.wire mesh
 laced to posts and tension wire

Type C - Spectator fence (1.1m high)

POSTS- spaced 1.5m centre-centre
 CORNER & GATE POST : 50NB 3.6 gauge
 galv.iron pipe.
 INTERMEDIATE : 40NB 2.3 gauge galv.iron pipe
 EMBEDMENT - 600mm in Ø200mm pile
 RAILS - top & bottom 40NB 2.3 gauge
 galv.iron pipe
 TENSION WIRE - 2.00mm galv.high tension at mid post height
 PANELS - 2.5 gauge 50mm diamond pattern galv.
 wire mesh laced to posts,rails and tension wire

Type D - Security fence (2.4m high)

POSTS - Spaced 2.4m centre to centre 40 Nb 2.3 gauge galv pipe
 EMBEDMENT - 800mm in 200mm dia pile
 PANELS - 2.5mm gauge 50mm diamond pattern, galv wire mesh laced to posts
 (each diamond)
 RAILS - None
 TENSION WIRE - 2.0mm galv high tension at top middle and bottom to suit
 panel netting dimensions
 Note - Angle tops to mesh to make scaling fence difficult.
 CORNERS AND GATE POST BRACING - 32nb 2.3 gauge galv iron pipe.

gates

spectator fence frame : 32NB 2.0 gauge galv.iron pipe
 panels - 2.5 gauge 50mm diamond pattern
 galv.wire mesh laced to frame
 NOTE - gates to be complete with hinges,hasp and staple
 fastening bolts as necessary

Fencing Plan



KEY

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⌘	1.2m wide pedestrian access gate
⌘	2.4m wide vehicle access gate
A.	4.00m high goal backdrop
B.	2.4m high goal backdrop
- - -	fence C 1.1m high spectator fence
D.	2.4m high security fence

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REV	DATE	DESCRIPTION
2	24.11.16	fencing plan
1	22.06.15	fencing plan

CLIENT APPROVAL
 PRINT NAME METRO PARK EAST
 DATE 24.11.2016
 SIGNATURE _____

CLIENT / PROJECT
 HIBISCUS HOCKEY TRUST
 METRO PARK EAST
 ARTIFICIAL HOCKEY TURF

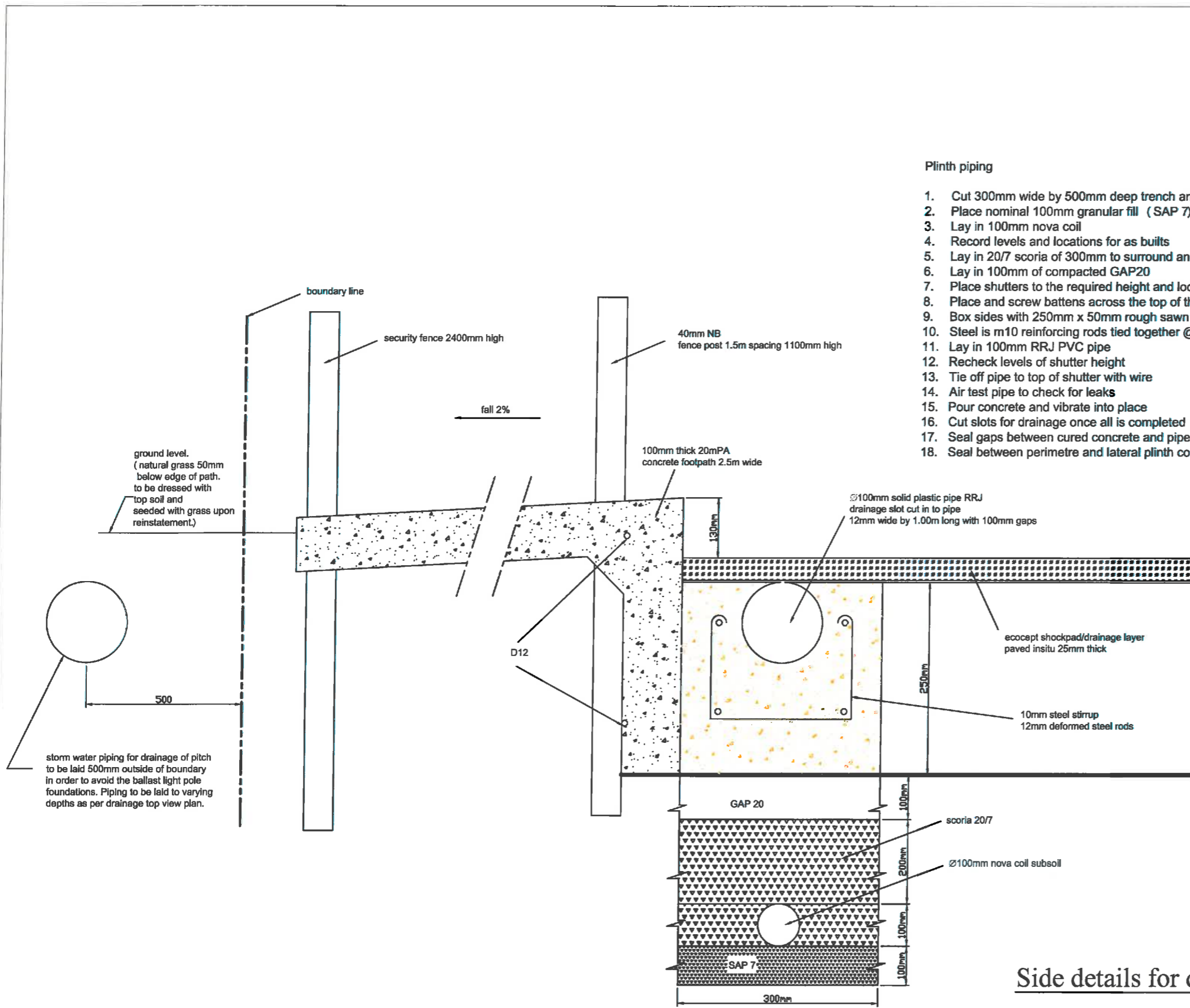
DRAWING TITLE
 fencing plan

DATE	INITIALS	
01/10/15	PL	DESIGNED
01/10/15	PJ	DRAWN
01/10/15	PL	CHECKED

SCALE : NTS

INDEX

JOB NO	DRAWING NO	REVISION
field plan	fencing plan	-



Plinth piping

1. Cut 300mm wide by 500mm deep trench and remove all spoil for subsoil drainage
2. Place nominal 100mm granular fill (SAP 7) for pipe embedment
3. Lay in 100mm nova coil
4. Record levels and locations for as builts
5. Lay in 20/7 scoria of 300mm to surround and cover novacoil compacted
6. Lay in 100mm of compacted GAP20
7. Place shutters to the required height and locate with pipe laser and confirm with dumpy level
8. Place and screw battens across the top of the shutters at 1200mm centre
9. Box sides with 250mm x 50mm rough sawn tanalised reusable shutters. Set into place with dumpy level
10. Steel is m10 reinforcing rods tied together @ 1200mm centre. Do not use chairs.
11. Lay in 100mm RRJ PVC pipe
12. Recheck levels of shutter height
13. Tie off pipe to top of shutter with wire
14. Air test pipe to check for leaks
15. Pour concrete and vibrate into place
16. Cut slots for drainage once all is completed
17. Seal gaps between cured concrete and pipe to prevent leaks
18. Seal between perimetre and lateral plinth concrete for water proof seal

Side details for drainage

scale : NTS

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REV	DATE	DESCRIPTION
2	24.11.16	side details for drainage
1	20.10.16	side details for drainage

CLIENT APPROVAL
 PRINT NAME METRO PARK EAST
 DATE 22.06.2016
 SIGNATURE _____

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 HIBISCUS HOCKEY TRUST
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 ARTIFICIAL HOCKEY TURF

DRAWING TITLE

DATE	INITIALS	
20/10/16	PL	DESIGNED
20/10/16	PJ	DRAWN
20/10/16	PL	CHECKED

SCALE : NTS

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JOB NO	DRAWING NO	REVISION
H1110	side details drainage plan	