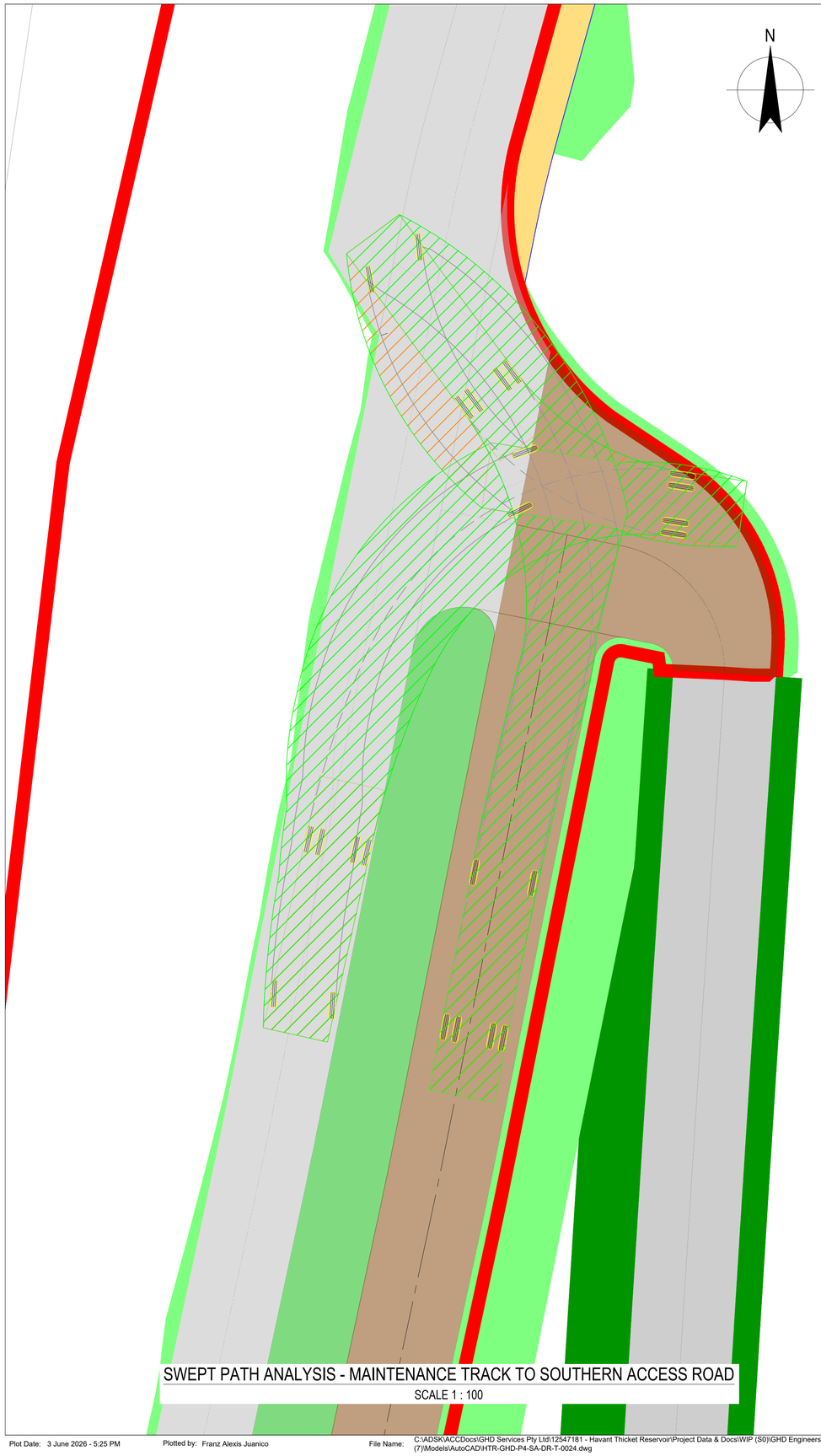


SWEPT PATH ANALYSIS - MAINTENANCE TRACK TO SOUTHERN ACCESS ROAD

SCALE 1 : 100

SWEPT PATH ANALYSIS - EMBANKMENT CREST TRACK TO SOUTHERN ACCESS ROAD

SCALE 1 : 100

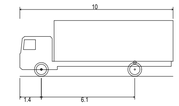
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE (UNO).
2. ALL LEVELS ARE IN METRES TO ORDNANCE DATUM UNO.
3. ALL CO-ORDINATES ARE RELATIVE TO OS NATIONAL GRID.
4. VEHICLE TURNING RATE UNLIMITED.
5. VEHICLE DESIGN SPEEDS:
   FORWARDS - 5km/h
   BACKWARDS - 2.5km/h

KEY

- SOUTHERN ACCESS ROAD
- SOUTHERN MAINTENANCE TRACK
- EMBANKMENT CREST TRACK
- GRASSED SHOULDER
- RESERVE MATTER APPLICATION BOUNDARY
- PORTSMOUTH WATER LAND OWNERSHIP BOUNDARY
- ROAD EMBANKMENT - FILL
- ROAD EMBANKMENT - CUT
- VERGE - VEGETATION
- VEHICLE BODY OUTLINE - FORWARD DRIVE
- VEHICLE BODY OUTLINE - REVERSE DRIVE
- TYRE PATH

VEHICLE DETAILS:



FTA Design 13/18 Tonne Rigid Vehicle (2016)

Overall Length	10.000m
Overall Width	2.550m
Overall Body Height	3.645m
Min Body Ground Clearance	0.440m
Track Width	2.470m
Lock-to-lock time	3.00s
Curb to Curb Turning Radius	11.000m

Rev	Description	Checked	Approved	Date
P03	PHASE 4 PLANNING SUBMISSION	DL	TG	03.06.26
P02	PHASE 4 PLANNING SUBMISSION	DL	TG	28.05.26
P01	PHASE 4 PLANNING SUBMISSION	DL	TG	06.02.26

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Portsmouth Water

Future Water MJJV Ltd

GHD

Project No. 12547181

Client PORTSMOUTH WATER

Project HAVANT THICKET RESERVOIR

Status FOR INFORMATION Status Code S2

Drawing Title SOUTHERN ACCESS ROAD - SWEPT PATH ANALYSIS SHEET 2 OF 2

Size A1

Drawing No. HTR-GHD-P4-SA-DR-T-0024

Rev P03

Plot Date: 3 June 2026 - 5:25 PM Plotted by: Franz Alexis Juanico File Name: C:\ADSK\ACCDocs\GHD Services Pty Ltd\12547181 - Havant Thicket Reservoir\Project Data & Docs\WIP (S0)\GHD Engineers\Civil & Roads (7)\Models\AutoCAD\HTR-GHD-P4-SA-DR-T-0024.dwg