Appendix 6

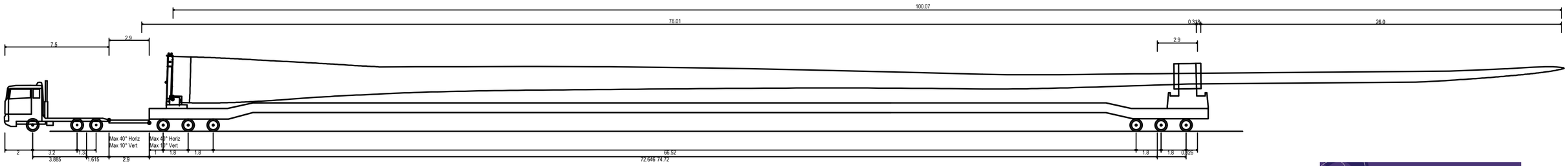
Concept Designs

LEGEND

- SURVEYED LOT BOUNDARY
- LOT BOUNDARY (FROM SIX MAPS)
- EXISTING ROAD
- EXISTING CULVERT
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING POWER POLE
- EXISTING SIGN
- PROPOSED SIGN
- EXISTING FENCE
- FENCE TO BE REMOVED
- PROPOSED FENCE
- OSOM WIDENING
- WHEEL PATH
- WHEEL PATH 0.5m OFFSET
- BLADE OVER SAIL
- BLADE OVER SAIL OFFSET (2m BODY, 5m TIP)

NEW ENGLAND HWY / WHITEHOUSE LN / SPAINS LN - ENERGYCO 100m BLADE TRAILER TURNING PATH

SCALE 1:500



24-005-EnergyCo -100m pinned trailer

Overall Length	85.946m
Overall Width	2.591m
Overall Body Height	5.625m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

ENERGYCO 100m TRAILER PROFILE

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NEW ENGLAND HWY / WHITEHOUSE LN / SPAINS LN
TURNING PATH PLAN - SH1

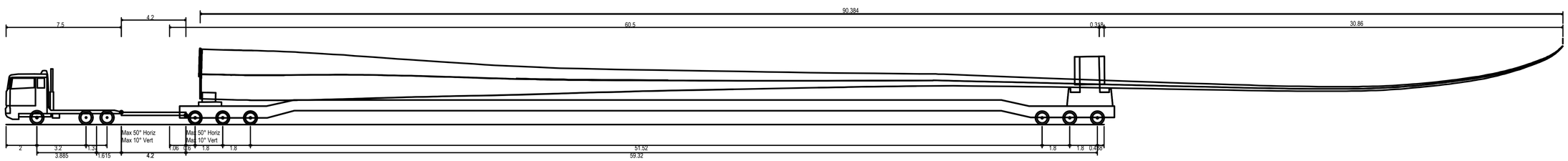
P.V. 15.04.2025 24-005-NEREZ-DRG-2201-1

LEGEND

- SURVEYED LOT BOUNDARY
- LOT BOUNDARY (FROM SIX MAPS)
- EXISTING ROAD
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING POWER POLE
- EXISTING TELSTRA INFRASTRUCTURE
- EXISTING WATER INFRASTRUCTURE
- EXISTING SIGN
- EXISTING FENCE
- EXISTING KERB
- OSOM WIDENING
- MOD DISTURBANCE FOOTPRINT
- WHEEL PATH
- WHEEL PATH 0.5m OFFSET
- BLADE OVER SAIL
- BLADE OVER SAIL OFFSET (2m BODY, 5m TIP)

NEW ENGLAND HWY / NUNDLE RD / RAILWAY ST - THUNDERBOLT BLADE TRAILER TURNING PATH

SCALE 1:500



24-005- GW-Vestas-Nordex

Overall Length	71.458m
Overall Width	2.591m
Overall Body Height	5.612m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

THUNDERBOLT BLADE TRAILER PROFILE

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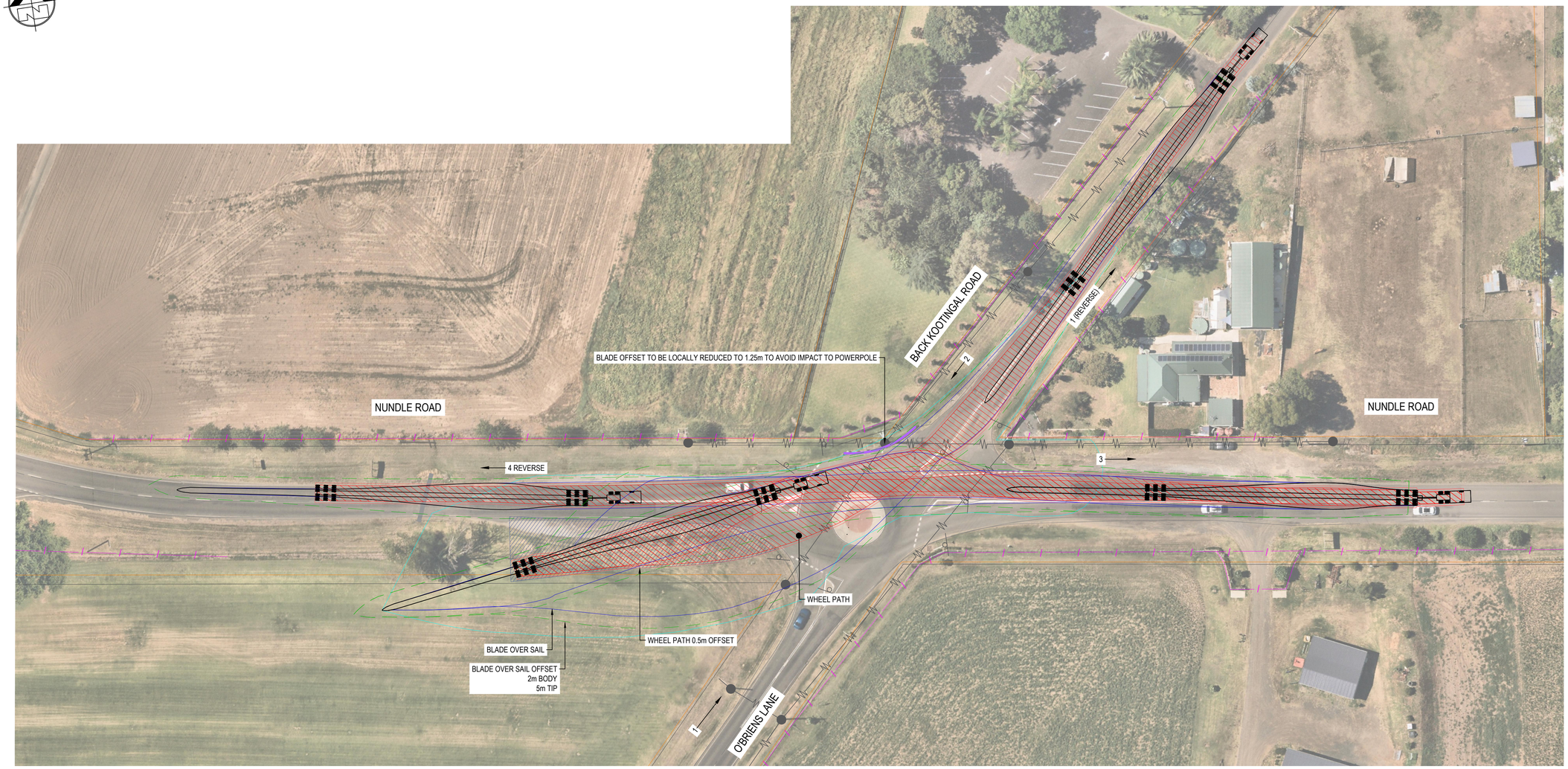
NEW ENGLAND HWY / NUNDLE RD / RAILWAY ST
TURNING PATH PLAN - SH 1
N.C.B. 21.11.2024 24-005-NEREZ-DRG-2301-1

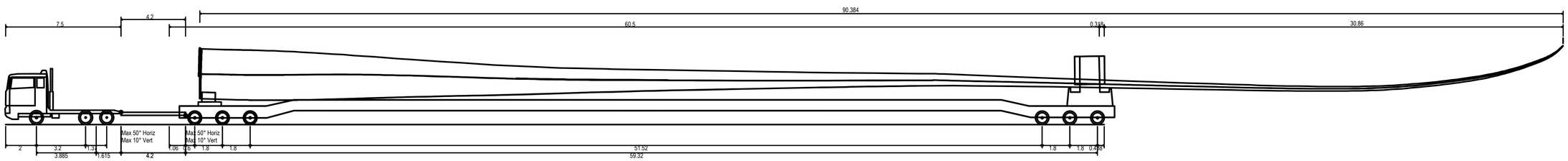


LEGEND

- SURVEYED LOT BOUNDARY
- LOT BOUNDARY (FROM SIX MAPS)
- EXISTING ROAD
- EXISTING CULVERT
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING POWER POLE
- EXISTING TELSTRA INFRASTRUCTURE
- EXISTING WATER INFRASTRUCTURE
- EXISTING SIGN
- EXISTING FENCE
- OSOM WIDENING
- EXISTING GUARD RAIL
- MOD DISTURBANCE FOOTPRINT
- WHEEL PATH
- WHEEL PATH 0.5m OFFSET
- BLADE OVER SAIL
- BLADE OVER SAIL OFFSET (2m BODY, 5m TIP)

NUNDLE RD / O'BRIENS LN / BACK KOOTINGAL RD - THUNDERBOLT BLADE TRAILER TURNING PATH

SCALE 1:500



24-005- GW-Vestas-Nordex

Overall Length	71.458m
Overall Width	2.591m
Overall Body Height	5.612m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

THUNDERBOLT BLADE TRAILER PROFILE

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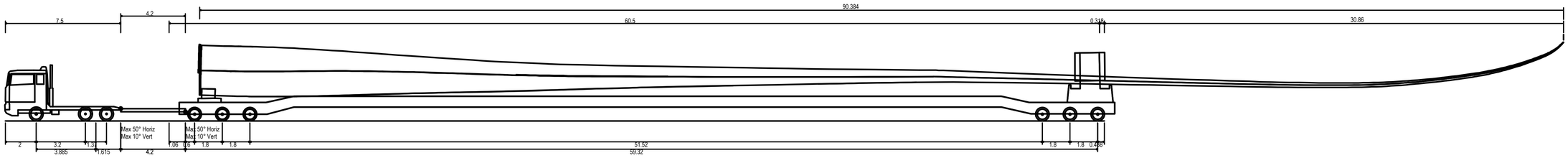
NUNDLE RD / O'BRIENS LN / BACK KOOTINGAL RD
TURNING PATH PLAN - SH 1
N.C.B. 21.11.2024 24-005-NEREZ-DRG-2304-1

LEGEND

- LOT BOUNDARY (FROM SIX MAPS)
- EXISTING ROAD
- EXISTING CULVERT
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING POWER POLE
- EXISTING SIGN
- EXISTING FENCE
- PROPOSED CULVERT
- OSOM WIDENING
- WHEEL PATH
- WHEEL PATH 0.5m OFFSET
- BLADE OVER SAIL
- BLADE OVER SAIL OFFSET (2m BODY, 5m TIP)
- MOD DISTURBANCE FOOTPRINT

O'BRIENS LN / CALALA LN / MARSDEN PARK RD - THUNDERBOLT BLADE TRAILER TURNING PATH

SCALE 1:500



24-005- GW-Vestas-Nordex

Overall Length	71.458m
Overall Width	2.591m
Overall Body Height	5.612m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

THUNDERBOLT BLADE TRAILER PROFILE

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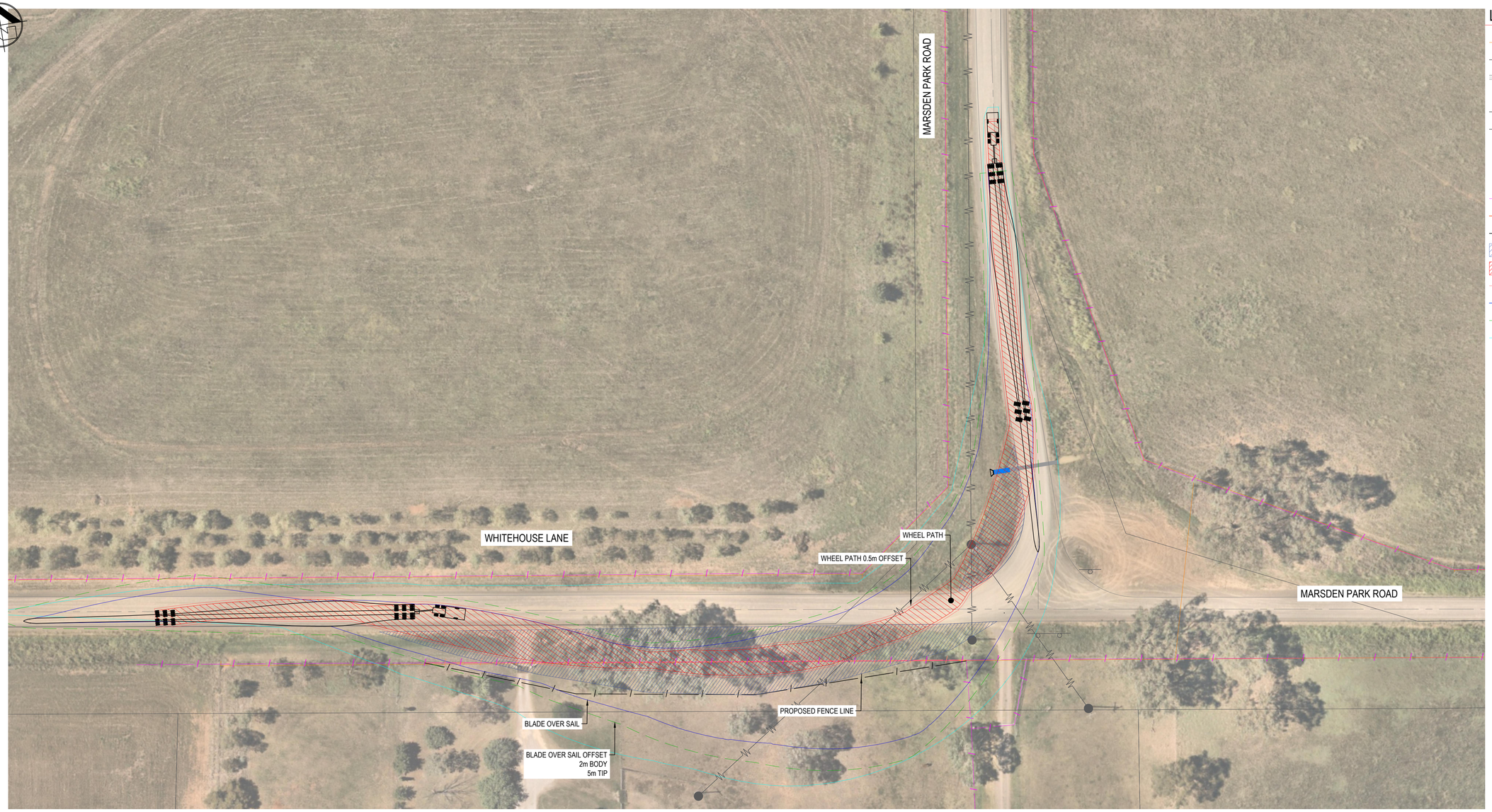
O'BRIENS LN / CALALA LN / MARSDEN PARK RD
TURNING PATH PLAN - SH 1
N.C.B. 19.11.2024 24-005-NEREZ-DRG-2307-1

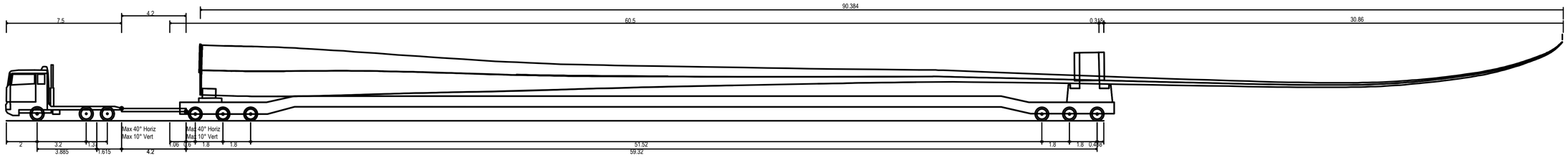


LEGEND

- SURVEYED LOT BOUNDARY
- LOT BOUNDARY (FROM SIX MAPS)
- EXISTING ROAD
- EXISTING CULVERT
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING UNDERGROUND TELECOMS LINE
- EXISTING POWER POLE
- EXISTING SIGN
- PROPOSED CULVERT
- EXISTING FENCE
- FENCE TO BE REMOVED
- PROPOSED FENCE
- OSOM WIDENING
- WHEEL PATH
- WHEEL PATH 0.5m OFFSET
- BLADE OVER SAIL
- BLADE OVER SAIL OFFSET (2m BODY, 5m TIP)
- MOD DISTURBANCE FOOTPRINT

WHITEHOUSE LN / MARSDEN PARK RD - THUNDERBOLT BLADE TRAILER TURNING PATH

SCALE 1:500



24-005- GW-Vestas-Nordex_40

Overall Length	71.458m
Overall Width	2.591m
Overall Body Height	5.612m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

THUNDERBOLT BLADE TRAILER PROFILE

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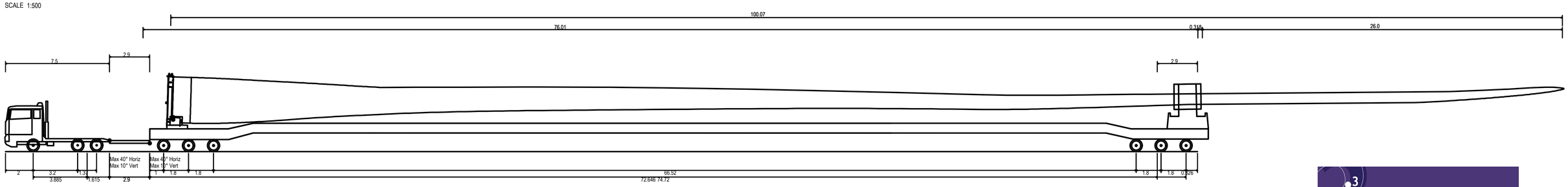
WHITEHOUSE LN / MARSDEN PARK RD
TURNING PATH PLAN - SH 1
R.S. 19.11.2024 24-005-NEREZ-DRG-2310-1

LEGEND

- SURVEYED LOT BOUNDARY
- EXISTING ROAD
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING POWER POLE
- EXISTING TELSTRA INFRASTRUCTURE
- EXISTING WATER INFRASTRUCTURE
- EXISTING SIGN
- EXISTING FENCE
- FENCE TO BE REMOVED
- PROPOSED FENCE
- OSOM WIDENING
- MOD DISTURBANCE FOOTPRINT
- WHEEL PATH
- WHEEL PATH 0.5m OFFSET
- BLADE OVER SAIL
- BLADE OVER SAIL OFFSET (2m BODY, 5m TIP)

WYBONG RD / KAYUGA RD - ENERGYCO 100m BLADE TRAILER TURNING PATH

SCALE 1:500



24-005-EnergyCo -100m pinned trailer

Overall Length	85.946m
Overall Width	2.591m
Overall Body Height	5.625m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

ENERGYCO 100m BLADE TRAILER PROFILE

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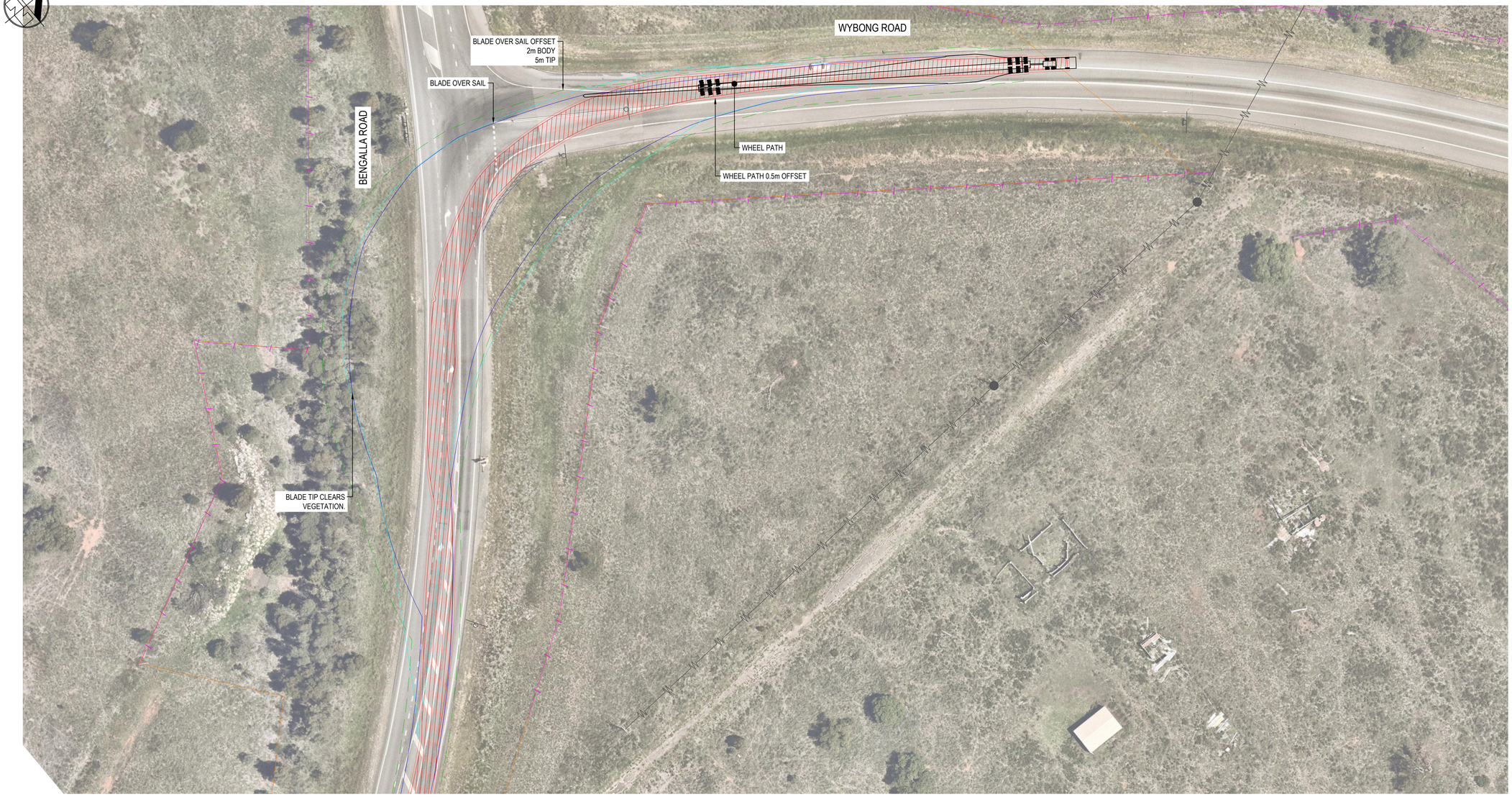
WYBONG RD / KAYUGA RD
TURNING PATH PLAN - SH 1
N.C.B. 28.11.2024 24-005-NEREZ-DRG-2316-1

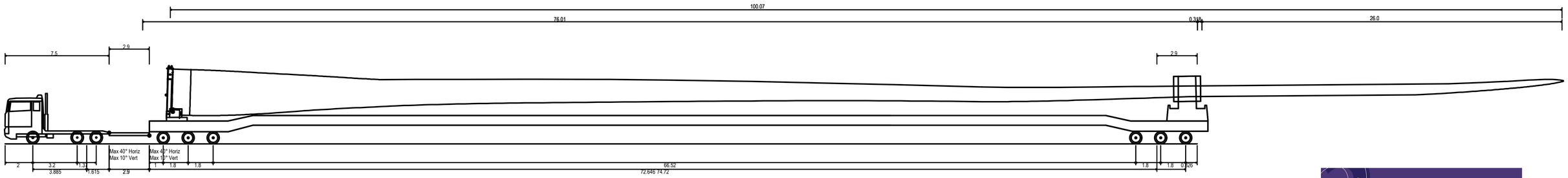


LEGEND

- SURVEYED LOT BOUNDARY
- EXISTING ROAD
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING UNDERGROUND TELECOMS LINE
- EXISTING POWER POLE
- EXISTING TELSTRA INFRASTRUCTURE
- EXISTING SIGN
- EXISTING FENCE
- MOD DISTURBANCE FOOTPRINT
- OSOM WIDENING
- WHEEL PATH
- WHEEL PATH 0.5m OFFSET
- BLADE OVER SAIL
- BLADE OVER SAIL OFFSET (2m BODY, 5m TIP)

BENGALLA RD / WYBONG RD - ENERGYCO 100m BLADE TRAILER TURNING PATH

SCALE 1:500



24-005-EnergyCo -100m pinned trailer

Overall Length	85.946m
Overall Width	2.591m
Overall Body Height	5.625m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

ENERGYCO 100m BLADE TRAILER PROFILE

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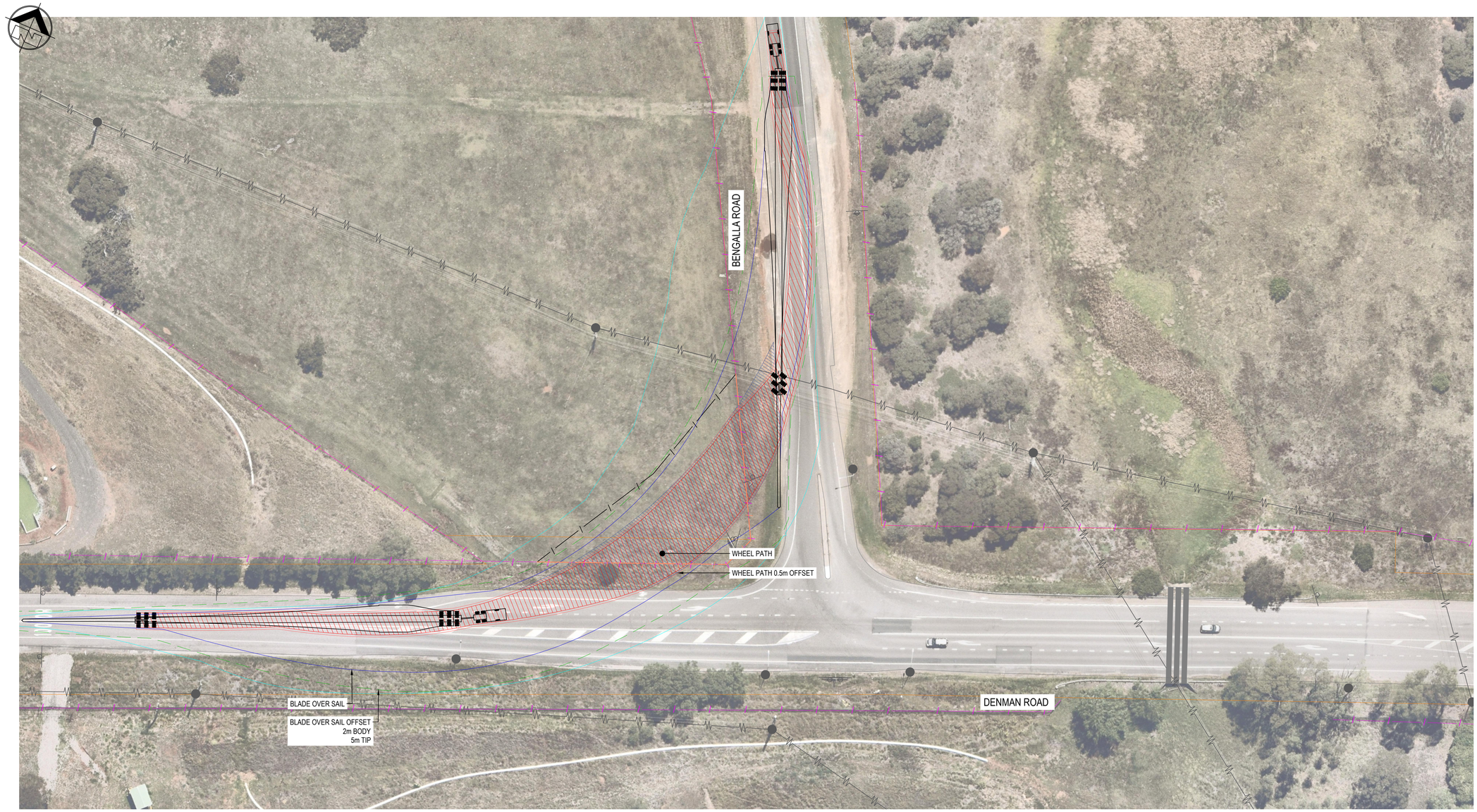
BENGALLA RD / WYBONG RD
TURNING PATH PLAN - SH 1
N.C.B. 26.11.2024 24-005-NEREZ-DRG-2319-1

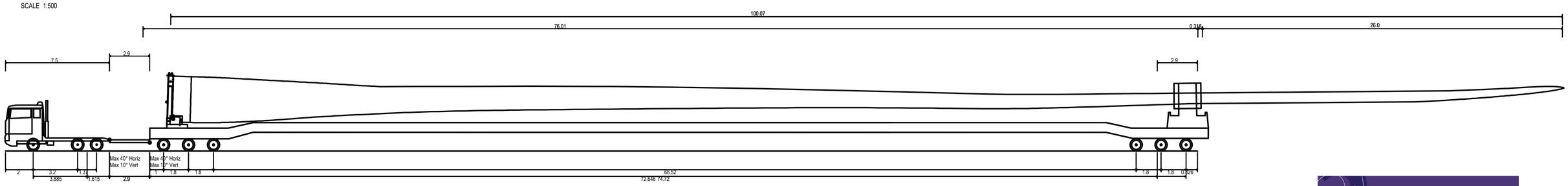


LEGEND

- SURVEYED LOT BOUNDARY
- EXISTING ROAD
- EXISTING CULVERT
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING POWER POLE
- EXISTING SIGN
- PROPOSED SIGN
- EXISTING FENCE
- FENCE TO BE REMOVED
- PROPOSED FENCE
- OSOM WIDENING
- WHEEL PATH
- WHEEL PATH 0.5m OFFSET
- BLADE OVER SAIL
- BLADE OVER SAIL OFFSET (2m BODY, 5m TIP)
- MOD DISTURBANCE FOOTPRINT

DENMAN RD / BENGALLA RD - ENERGYCO 100m BLADE TRAILER TURNING PATH

SCALE 1:500



24-005-EnergyCo -100m pinned trailer

Overall Length	85.946m
Overall Width	2.591m
Overall Body Height	5.625m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

ENERGYCO 100m BLADE TRAILER

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DENMAN RD / BENGALLA RD

TURNING PATH PLAN - SH 1

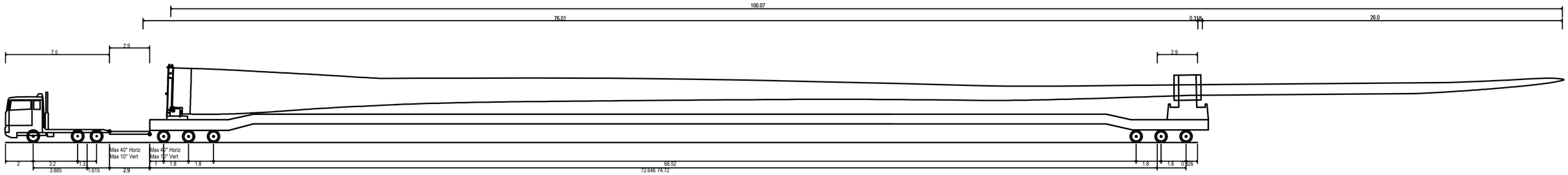
R.S. 26.11.2024 24-005-NEREZ-DRG-2322-1

LEGEND

- SURVEYED LOT BOUNDARY
- EXISTING ROAD
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING UNDERGROUND TELECOMS LINE
- EXISTING WATER MAIN
- EXISTING POWER POLE
- EXISTING TELSTRA INFRASTRUCTURE
- EXISTING SIGN
- EXISTING FENCE
- EXISTING KERB
- OSOM WIDENING
- MOD DISTURBANCE FOOTPRINT

NEW ENGLAND HWY / WESTERN ACCESS RD - ENERGYCO 100m BLADE TRAILER TURNING PATH

SCALE 1:500



24-005-EnergyCo -100m pinned trailer

Overall Length	85.946m
Overall Width	2.591m
Overall Body Height	5.625m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

ENERGYCO 100m BLADE TRAILER PROFILE

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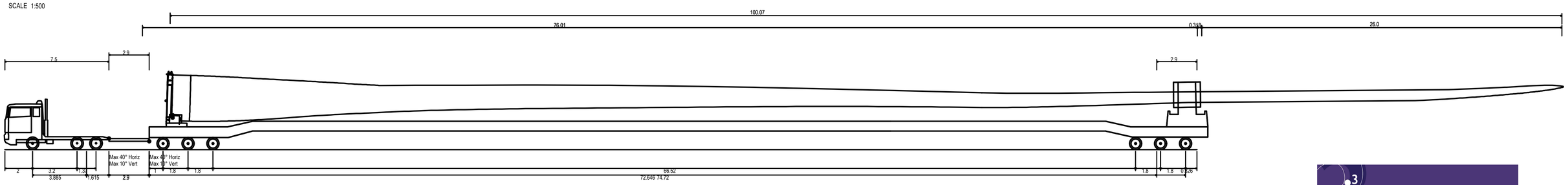
NEW ENGLAND HWY / WESTERN ACCESS RD
TURNING PATH PLAN - SH 1
R.S. 02.12.2024 24-005-NEREZ-DRG-2325-1

LEGEND

- SURVEYED LOT BOUNDARY
- EXISTING ROAD
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING POWER POLE
- EXISTING TELSTRA INFRASTRUCTURE
- EXISTING SIGN
- EXISTING FENCE
- EXISTING KERB
- EXISTING PAVING
- EXISTING GUARD RAIL
- EXISTING CULVERT
- EXISTING TREE
- EXISTING TREE TO BE REMOVED
- OSOM WIDENING
- MOD DISTURBANCE FOOTPRINT
- WHEEL PATH
- WHEEL PATH 0.5m OFFSET
- BLADE OVER SAIL
- BLADE OVER SAIL OFFSET (2m BODY, 5m TIP)

STAIR STREET / WESTERN ACCESS ROAD - ENERGYCO 100m BLADE TRAILER TURNING PATH

SCALE 1:500



24-005-EnergyCo -100m pinned trailer

Overall Length	85.946m
Overall Width	2.591m
Overall Body Height	5.625m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

ENERGYCO 100m BLADE TRAILER PROFILE

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STAIR ST / WESTERN ACCESS RD

TURNING PATH PLAN - SH 1

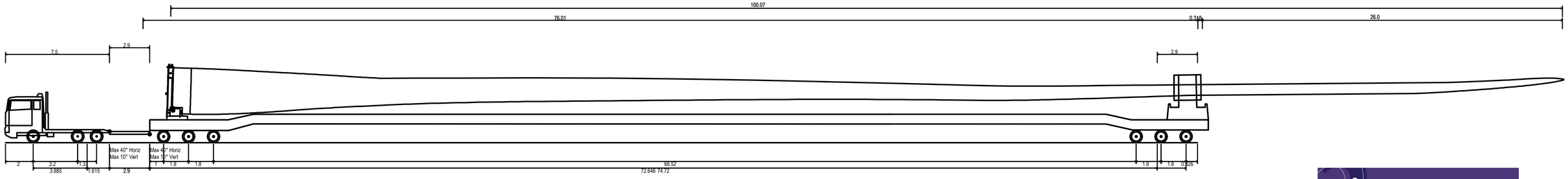
N.C.B. 26.11.2024 24-005-NEREZ-DRG-2328-1

LEGEND

- SURVEYED LOT BOUNDARY
- LOT BOUNDARY (FROM SIX MAPS)
- EXISTING ROAD
- EXISTING CULVERT
- EXISTING OVERHEAD ELECTRICAL LINE
- EXISTING UNDERGROUND TELECOMS LINE
- EXISTING POWER POLE
- EXISTING TELSTRA INFRASTRUCTURE
- EXISTING SIGN
- PROPOSED SIGN
- EXISTING FENCE
- FENCE TO BE REMOVED
- PROPOSED FENCE
- OSOM WIDENING
- MOD DISTURBANCE FOOTPRINT

INVERMEIN ST / STAIR ST - ENERGYCO 100m BLADE TRAILER TURNING PATH

SCALE 1:500



24-005-EnergyCo -100m pinned trailer

Overall Length	85.946m
Overall Width	2.591m
Overall Body Height	5.625m
Min Body Ground Clearance	0.348m
Max Track Width	2.591m
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	30.00°

ENERGYCO 100m BLADE TRAILER PROFILE

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INVERMEIN ST / STAIR ST

TURNING PATH PLAN - SH 1

R.S. 27.11.2024 24-005-NEREZ-DRG-2331-1