

## SCHEDULE 1

Article 1

### SCHEDULED WORKS

#### **In the Metropolitan Borough of North Tyneside -**

- Work No. 1 A toll plaza including amendments to the existing A19 trunk road southbound carriageway comprising: -
- Work No. 1A Widening of the existing A19 trunk road (140 metres in length) commencing at a point below the Metro bridge over the A19 trunk road (bridge no.1187), passing southwards terminating at a point 137 metres south of the said bridge.
- Work No. 1B New toll plaza vehicular area (510 metres in length and 55 metres in width) including toll booths commencing at a point 137 metres south of Metro bridge over A19 trunk road (bridge no. 1187), passing southwards and terminating at a point 647 metres south of the said bridge.
- Work No. 1C A road (292 metres in length) commencing at a point on the East Howdon bypass/ Howdon Road roundabout, 330 metres southwest of the Metro bridge over the A19 trunk road (bridge no. 1187), passing west then south-westwards and terminating at a point 73 metres north-west of East Howdon bypass and 420 metres south of the said bridge.
- Work No. 1D A road (153 metres in length) commencing at a point 25 metres east of the A19 trunk road southbound carriageway and 275 metres south of the Metro bridge over the A19 trunk road (bridge no. 1187), passing south-eastwards and terminating at a point on the East Howdon bypass, 215 metres north of Mitford Street.
- Work No. 1E A new administration building, west of the new toll plaza (Work No. 1B) and east of Howdon Bypass, at point 320 metres south of Metro Bridge over A19 (bridge no. 1187), including a car parking area (50 metres in length by 30 metres in width) south west of the new administration building and west of East Howdon bypass.
- Work No. 1F An emergency crossover (13 metres in length) commencing at a point 422 metres south of Metro bridge over the A19 trunk road (bridge no. 1187), passing westwards.
- Work No. 1G A retaining wall (85 metres in length, maximum 8 metres in height) commencing at a point 561 metres south of the Metro bridge over the A19 (bridge no. 1187), 79 metres west of Mitford Street, passing southwards and terminating at a point 645 metres south of the said bridge and 60 metres west of Brinkburn Street.
- Work No. 1H A retaining wall (130 metres in length maximum 6.4 metres in height) commencing at a point 519 metres south of Metro bridge (bridge no. 1187), 15

metres east of existing A19 northbound carriageway, passing southwards and terminating at a point 647 metres south of said bridge and 70 metres west of Brinkburn Street.

- Work No. 2 Amendments to existing toll plaza and A19 trunk road northbound carriageway comprising: -
- Work No. 2A Widening and realignment of existing A19 trunk road (793 metres in length) commencing at a point 8 metres south of the Metro bridge over the said road (bridge no. 1187), passing southwards and terminating at a point 48 metres north west of the existing tunnel administration building.
- Work No. 2B A crossover (100 metres in length) on the A19 trunk road commencing at a point 8 metres south of the Metro bridge over the said road (bridge no. 1187), passing southwards and terminating at a point 108 metres south of the said bridge.
- Work No. 2C A realignment of existing toll plaza (250 metres in length), including new tollbooths, continuing on from Work No. 2A, passing west then northwards and terminating at a point 38 metres south west of the existing tunnel portal structure.
- Work No. 2D A realignment of the existing A19 Trunk Road, A19 roundabout (part of) and entrance to existing toll plaza (225 metres in length) commencing at a point 90 metres west of Meldon Street, passing southwards then west and terminating at point 15 metres north west of the existing tunnel administration building.
- Work No. 2E A realignment of the existing A19 roundabout (part of) (95 metres in length) commencing at the termination of Work No. 2A, passing eastwards and terminating at a point 128 metres west of the existing tunnel administration building.
- Work No. 3A A tunnel and road (321 metres in length) continuing on from Work No. 1C, commencing at a point 647 metres south of the Metro bridge over the A19 (bridge no. 1187) passing southwards and terminating at a point 83 metres south of Tyne View Terrace.
- Work No. 3B A vertical escape shaft from the existing road tunnel, between the A19 / A185 tunnel roundabout and Tyne View Terrace, 130 metres west of the existing tunnel administration building.
- Work No. 4A A tunnel (of the immersed tube type) and road (211 metres in length) under the River Tyne continuing on from Work No. 3A, commencing at a point 93 metres south of Tyne View Terrace, passing southwards and terminating at the borough boundary 304 metres south of Tyne View Terrace.
- Work No. 4B Remodelling of Howdon Basin comprising a pier or quay extension (100 metres in length, 22 to 40 metres in width) over and above Work No. 4A, new sheet pile retaining walls (220 metres in length) around the Howdon Basin,

reconfiguration of the existing Howdon Basin and demolition of part of existing quay (32 metres by 32 metres).

Work No. 4C New quay extension 45 metres in length, commencing at a point 125 metres east of Howdon Basin.

Work No. 4D Armoured ship protection to immersed tube tunnel (Work No. 4A) south of Howdon Basin extending 60 metres towards the centre of the River Tyne over a width of 80 metres from the southern limit of Work No. 4B.

### **In the Metropolitan Borough of South Tyneside -**

Work No. 5 A tunnel (of the immersed tube type) and road (145 metres in length) under the River Tyne, commencing at the borough boundary at a point 250 metres north of Tyne Street passing southwards and terminating at a point 104 metres north of Tyne Street.

Work No. 6A A tunnel and road (839 metres in length) continuing on from Work No. 5, commencing at a point 104 metres north of Tyne Street, passing south then south-eastwards and terminating at a point on 4 metres north of the south face of the existing Howard Street (A185) bridge over the existing Tyne Tunnel approach road, 43 metres south west of Stothard Street.

Work No. 6B A road (part realignment of Tyne Street) (236 metres in length), commencing at a point 27 metres south of the Pedestrian Tunnel building, passing clockwise in a loop around the said building and terminating at the same point.

Work No. 6C A road on the line of the former Ferry Street (part of) (100 metres in length), commencing at a point 30 metres south of the Pedestrian Tunnel building, passing southwards and terminating at a point 17 metres north of Chaytor Street.

Work No. 6D A realignment of Chaytor Street (112 metres in length) including a roundabout at the junction with Ferry Street and Work No. 6C. Commencing at a point 52 metres east of Ferry Street junction, passing westwards and terminating at a point 60 metres west of the said junction.

Work No. 6E A vertical escape shaft from the existing tunnel, 5 metres south of the existing ventilation building and 19 metres west of Ferry Street.

Work No. 6F A road (160 metres in length) commencing at a point on the western end of Friar Way, passing south-westwards and terminating at a point on Ferry Street 20 metres north of the Grange Road junction.

Work No. 6G A ventilation building, connecting ventilation tunnel, retaining wall and hard landscaping, east of the tunnel (Work No. 6A) and south west of Howard Street (A185) / Priory Road roundabout.

Work No. 7 A road interchange to replace the existing interchange comprising: -

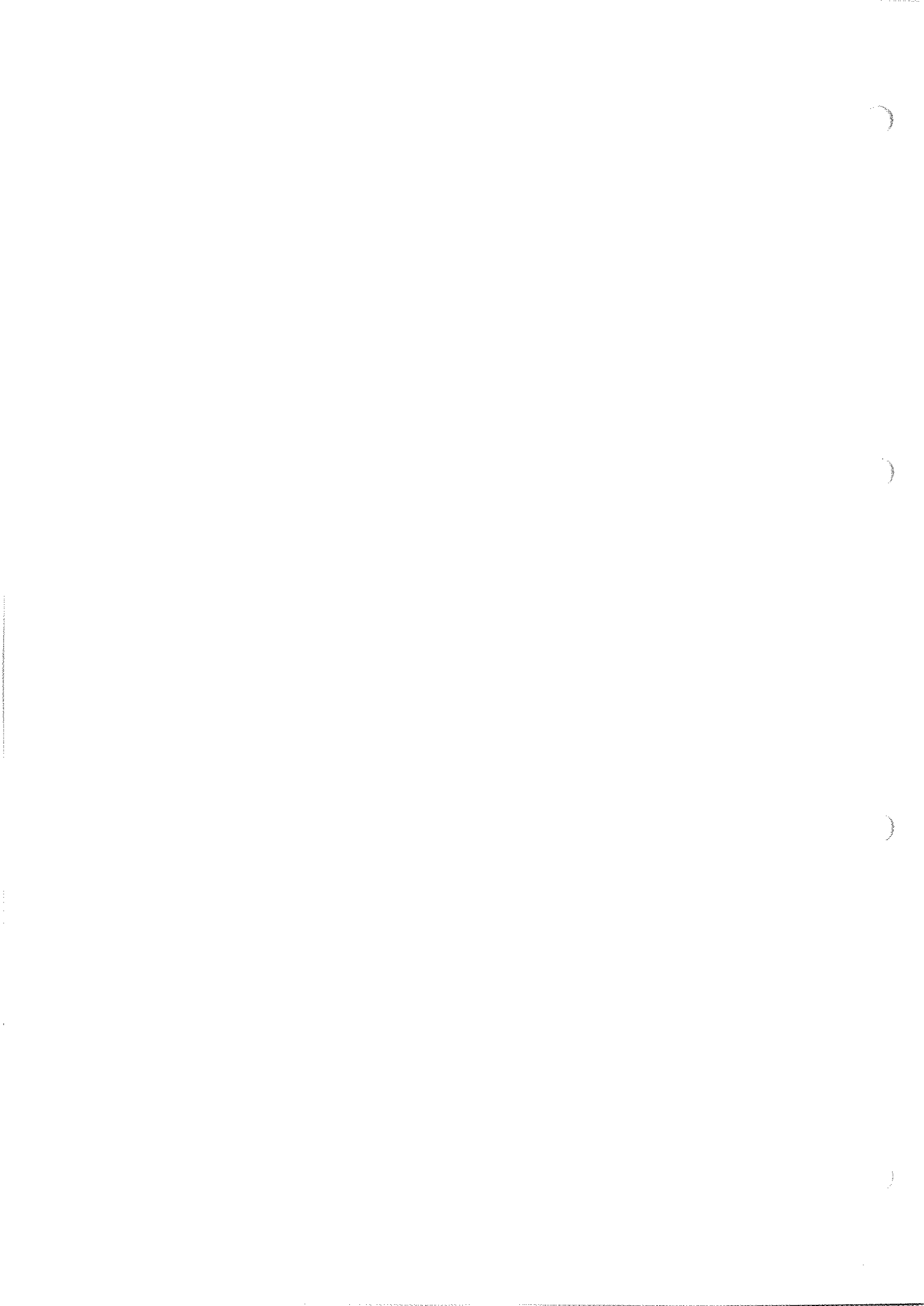
Work No. 7A A realignment and improvement of the Tyne Tunnel approach road and the A19 trunk road (373 metres in length), including new carriageway,

commencing at a point 75 metres north west of the existing Howard Street bridge (A185), passing south-westwards and terminating at a point 10 metres south of the Metro bridge over the A19 trunk road (bridge no. 1027).

- Work No. 7B A road (355 metres in length) commencing at a point 56 metres north west of Howard Street Bridge (A185) passing south-eastwards looping round to head north-eastwards and terminating at a point 5 metres south west of the existing tunnel buildings.
- Work No. 7C A road bridge over Work Nos. 7A, B, K and L to carry traffic to/from A19 towards Howard Street (A185)/Priory Road (B1297) roundabout continuing on from Work No. 7B, passing north-eastwards and terminating at a point 70 metres north east of the existing tunnel buildings.
- Work No. 7D A road (43 metres in length) continuing on from Work No. 7C, passing north-eastwards and terminating at the Howard Street (A185)/Priory Road (B1297) roundabout.
- Work No. 7E A realignment and enlargement of the existing Howard Street (A185)/Priory Road (B1297) roundabout (178 metres in length) commencing at a point 22 metres south east of Russell Street, passing in a clockwise direction and terminating at the same point.
- Work No. 7F A realignment of Priory Road (B1297) (31 metres in length) commencing at a point 32 metres south of St. Paul's Road, passing eastwards and terminating at point 30 metres south of the said road.
- Work No. 7G A realignment of Howard Street (A185) (60 metres in length) commencing at a point on the junction of the Howard Street (A185) / Priory Road (B1297) roundabout, passing westwards and terminating at a point 60 metres west from said junction.
- Work No. 7H A road bridge and road (total 21 metres in length) to replace the existing bridge carrying Howard Street (A185) over the Tyne Tunnel approach road (Work Nos. 6A, 7A & 7B) continuing on from Work No. 7G, passing westwards and terminating at point 69 metres east of St. Bede's Roman Catholic School and 9 metres north west of existing Howard Street bridge.
- Work No. 7J A realignment of Howard Street (A185) (122 metres in length) continuing on from Work No. 7H commencing at a point 81 metres west of the junction at Howard Street / Priory Road roundabout, passing westwards and terminating at a point 65 metres east from the junction at Howard Street/Monkton Terrace roundabout.
- Work No. 7K A realignment and improvement of the Tyne Tunnel approach road and the A19 trunk road (283 metres in length) including a new carriageway continuing on from Work No. 6A, passing south-westwards and terminating at the south face of the Metro bridge over the A19 trunk road (bridge no. 1027).
- Work No. 7L A slip road and layby area (202 metres in length) from the Tyne Tunnel approach road to the new roundabout at end of Straker Street (Work No. 7S) commencing at south side of Howard Street bridge (A185), passing south-

eastwards and terminating at a point 32 metres south east of former mineral railway bridge.

- Work No. 7M A realignment and improvement to the A185 link road (164 metres in length) from Work No. 7E to Work No. 7S, commencing at a point 39 metres south of the junction of Priory Road to the existing roundabout, passing southwards and terminating at a point 30 metres south east of the former mineral railway bridge.
- Work No. 7N A retaining wall (68 metres in length 7 metres maximum height) commencing at a point on the north face of the existing Howard Street bridge, passing southwards and terminating at a point 45 metres south of the said bridge.
- Work No. 7P A retaining wall (170 metres in length 6 metres maximum height) continuing on from Work No. 7N, commencing at a point 28 metres east of Epinay Walk and 4 metres west of the existing tunnel buildings, passing south-west and going in an anticlockwise direction and terminating at a point 95 metres east of Epinay Walk and 72 metres south east from the said building.
- Work No. 7Q Buildings, parking and waiting areas adjacent to Work No. 7B and extending below Work No. 7C terminating at the existing Howard Street bridge (A185).
- Work No. 7R A slip road (154 metres in length) from Work No. 7B commencing at a point 57 metres south east of the existing tunnel buildings, passing south-eastwards and terminating at a point 10 metres south the Metro bridge over A19 trunk road (bridge no. 1027).
- Work No. 7S A roundabout at west-end of Straker Street (A185) (130 metres in length) commencing at a point 40 metres south east of the existing former mineral railway bridge, passing in a clockwise direction and terminating at the same point.
- Work No. 7T A realignment of Straker Street (A185) (16 metres in length) commencing at a point 29 metres east of the existing junction of Straker Street with the existing A19/A185 roundabout, passing eastwards and terminating at a point 45 metres east of said junction.
- Work No. 7U A link road (47 metres in length) from Work No.7S, commencing at a point 60 metres north of the Metro railway bridge (bridge no. 1027), passing south-westwards and terminating at a point 17 metres north of the said bridge.
- Work No. 7V A slip road (156 metres in length), including widening of the existing A19 trunk road, continuing on from Work No. 7U, passing south-westwards and terminating at a point 128 metres south west of the Metro railway bridge (bridge no. 1027).
- Work No. 7W A realignment of the north east wing wall of the Metro railway bridge (bridge no. 1027) (11 metres in length).



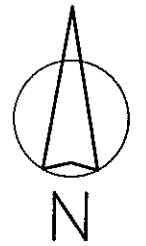
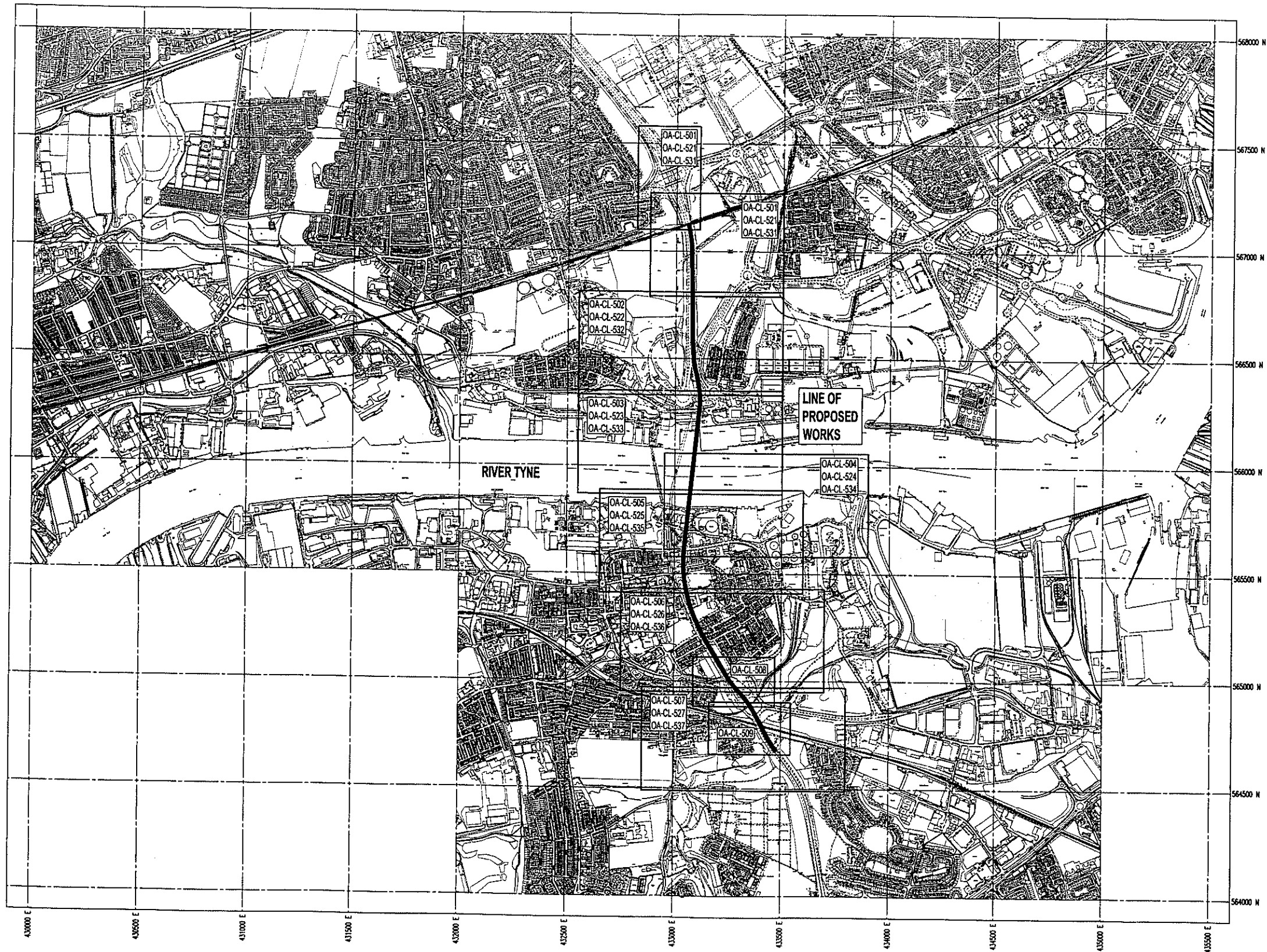
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# KEY PLAN

SCALE 1:10000 @ A1

SCALE 1:20000 @ A3

TYNE AND WEAR PASSENGER  
TRANSPORT AUTHORITY  
THE RIVER TYNE (TUNNELS) ORDER

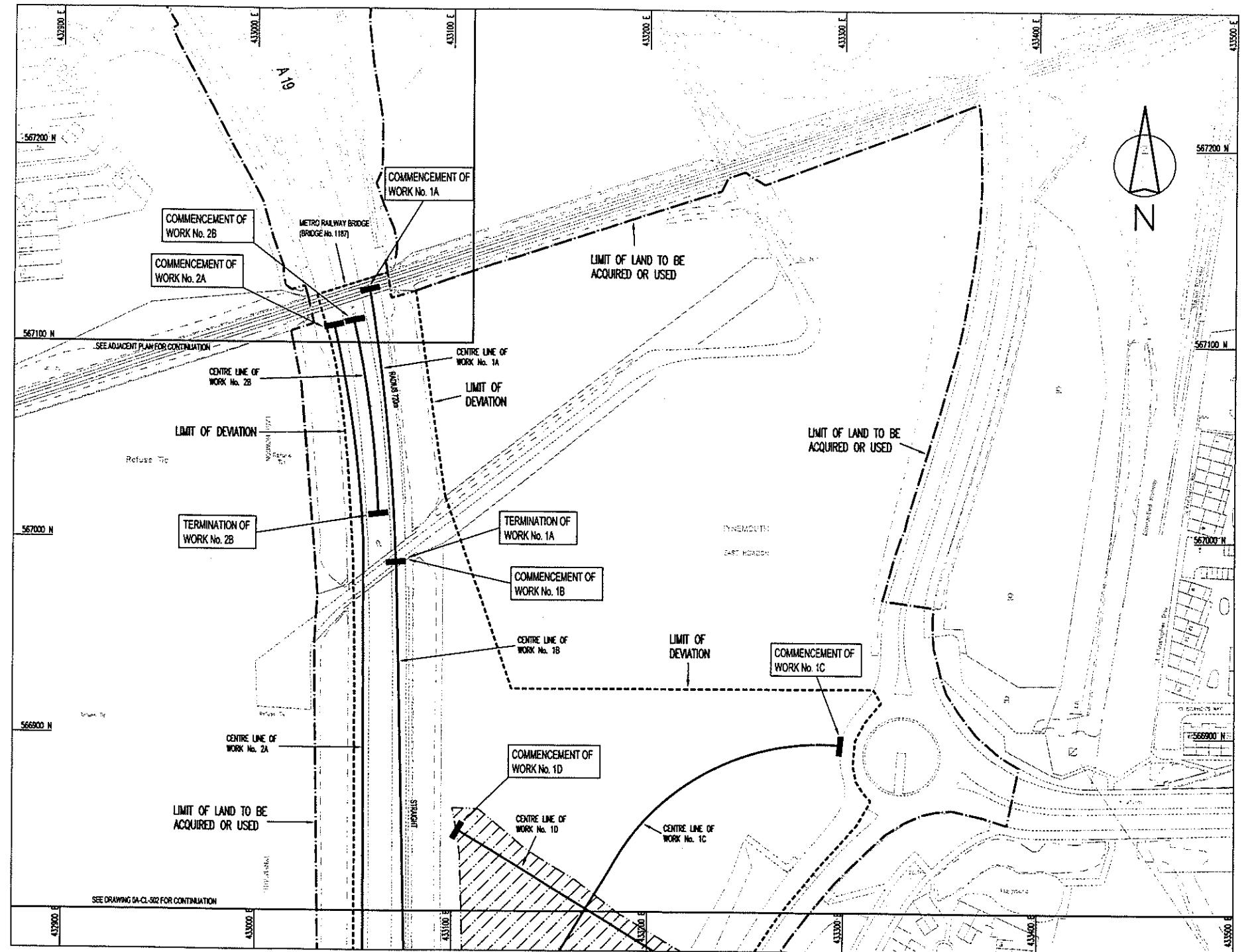
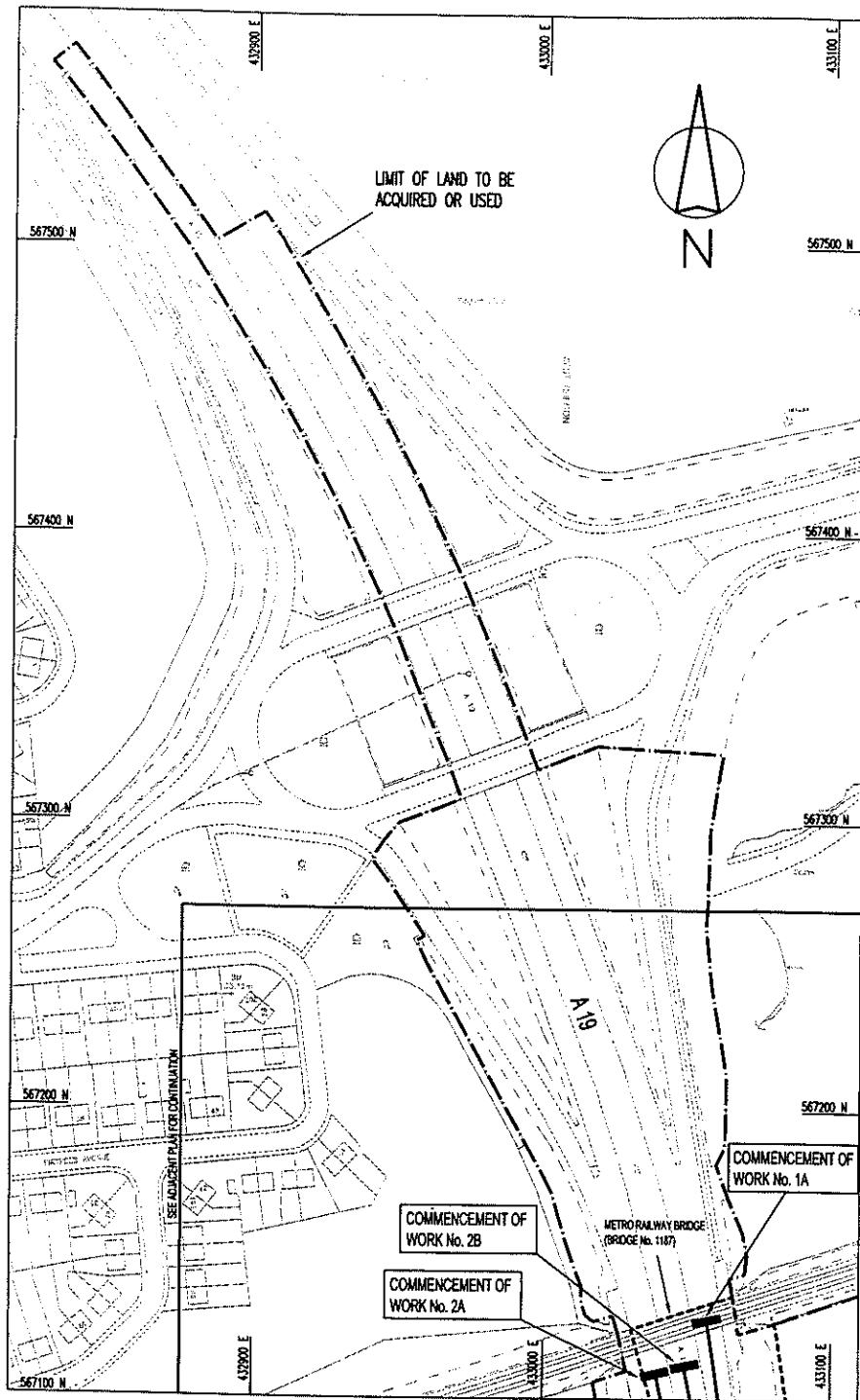


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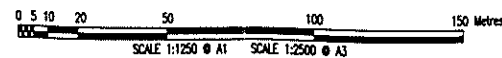
# METROPOLITAN BOROUGH OF NORTH TYNESIDE PLAN

TYNE AND WEAR PASSENGER  
 TRANSPORT AUTHORITY  
 THE RIVER TYNE (TUNNELS) ORDER

WORK Nos. 1 & 2



HORIZONTAL SCALE FOR PLAN



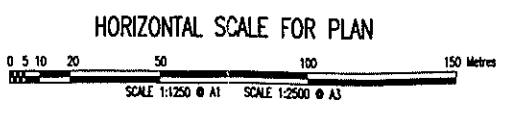
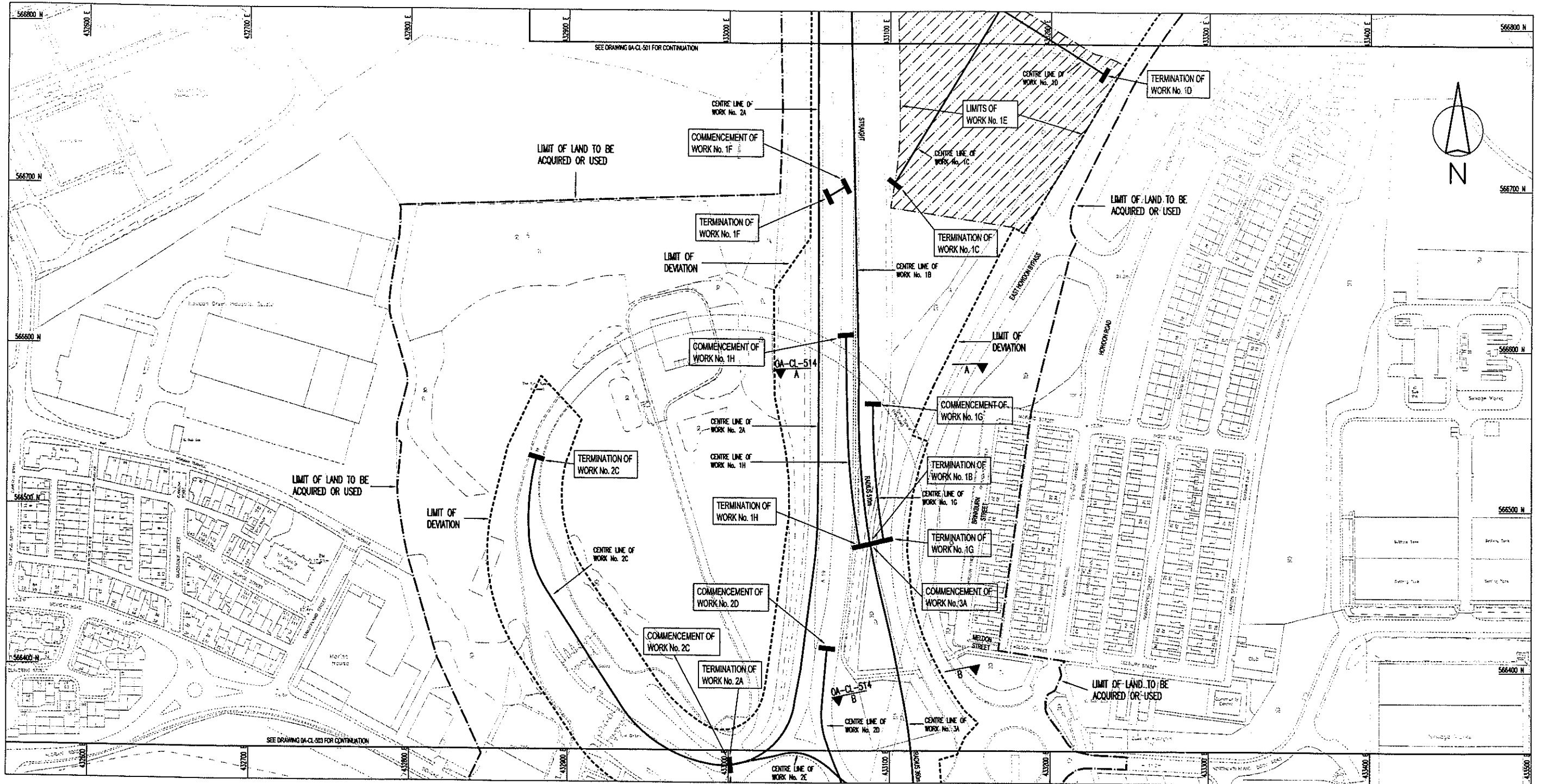
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# METROPOLITAN BOROUGH OF NORTH TYNESIDE PLAN

TYNE AND WEAR PASSENGER  
TRANSPORT AUTHORITY  
THE RIVER TYNE (TUNNELS) ORDER

WORK Nos. 1, 2 & 3

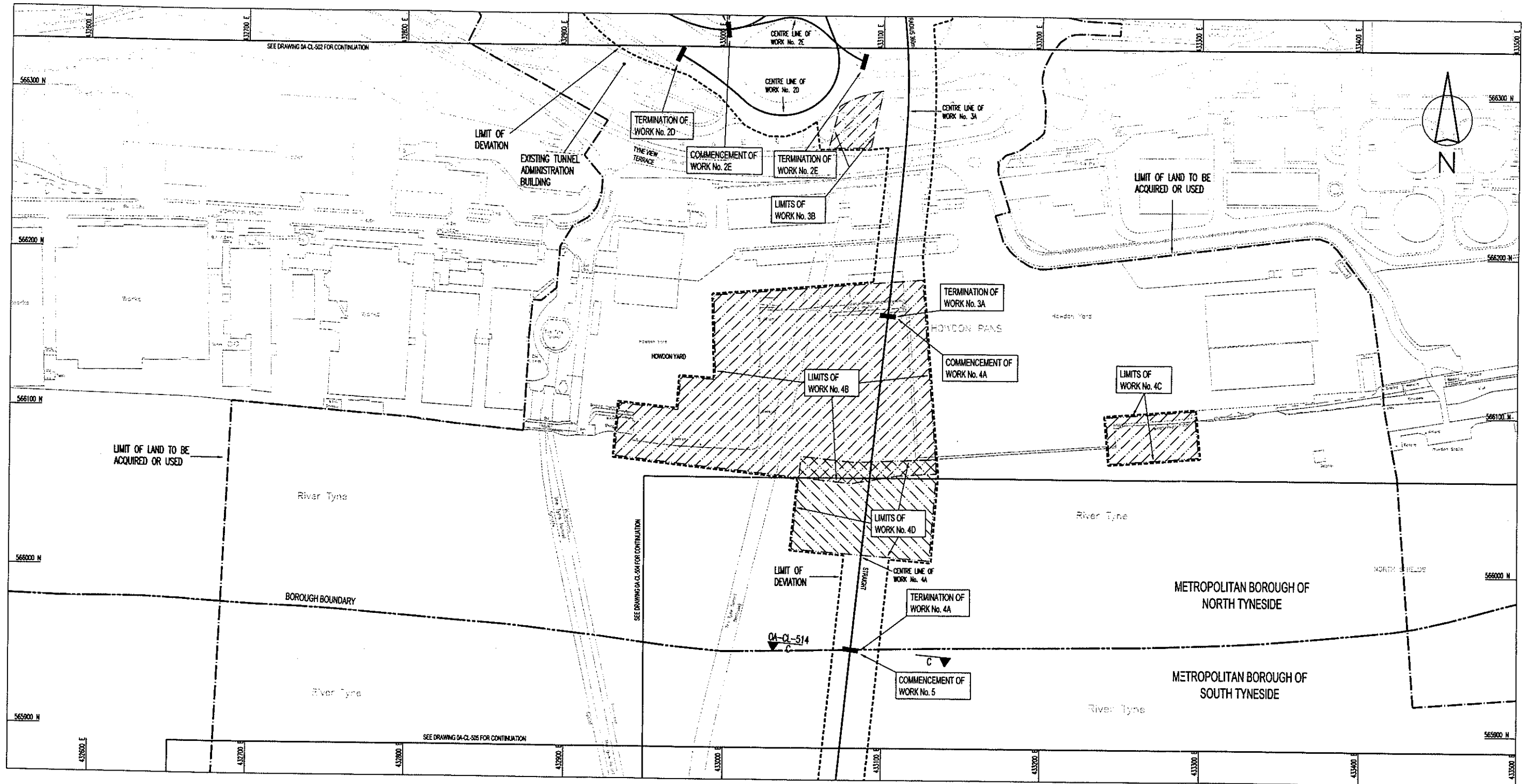


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# METROPOLITAN BOROUGH OF NORTH TYNESIDE PLAN

TYNE AND WEAR PASSENGER  
TRANSPORT AUTHORITY  
RIVER TYNE (TUNNELS) ORDER

WORK Nos. 2,3 & 4



HORIZONTAL SCALE FOR PLAN



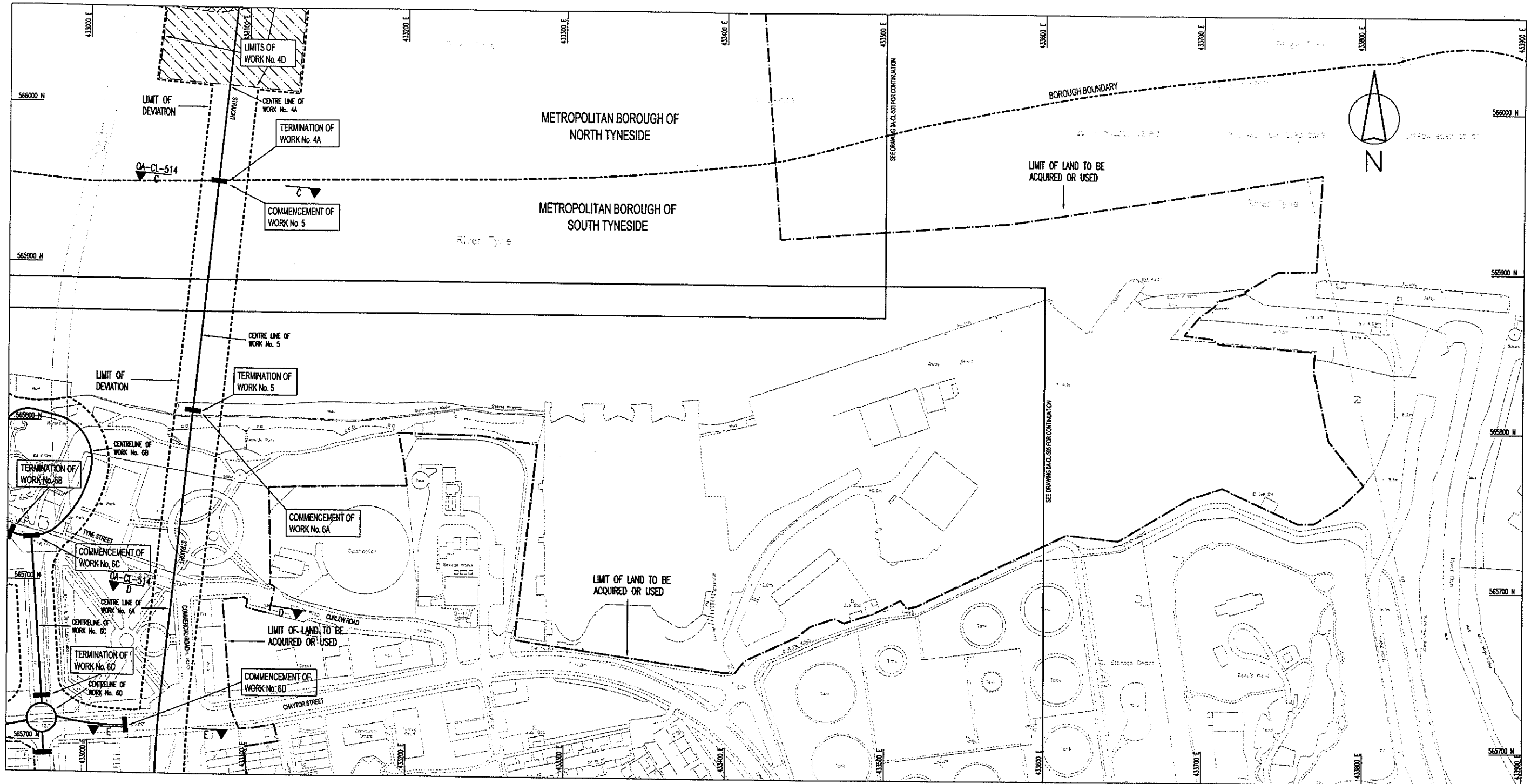
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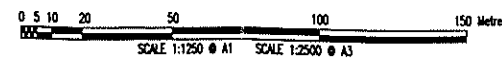
# METROPOLITAN BOROUGHS OF NORTH & SOUTH TYNESIDE PLAN

TYNE AND WEAR PASSENGER  
 TRANSPORT AUTHORITY  
 RIVER TYNE (TUNNELS) ORDER

WORK Nos. 4, 5 & 6



HORIZONTAL SCALE FOR PLAN



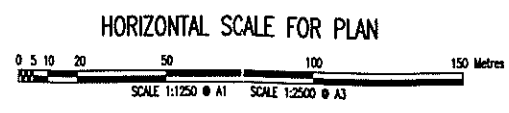
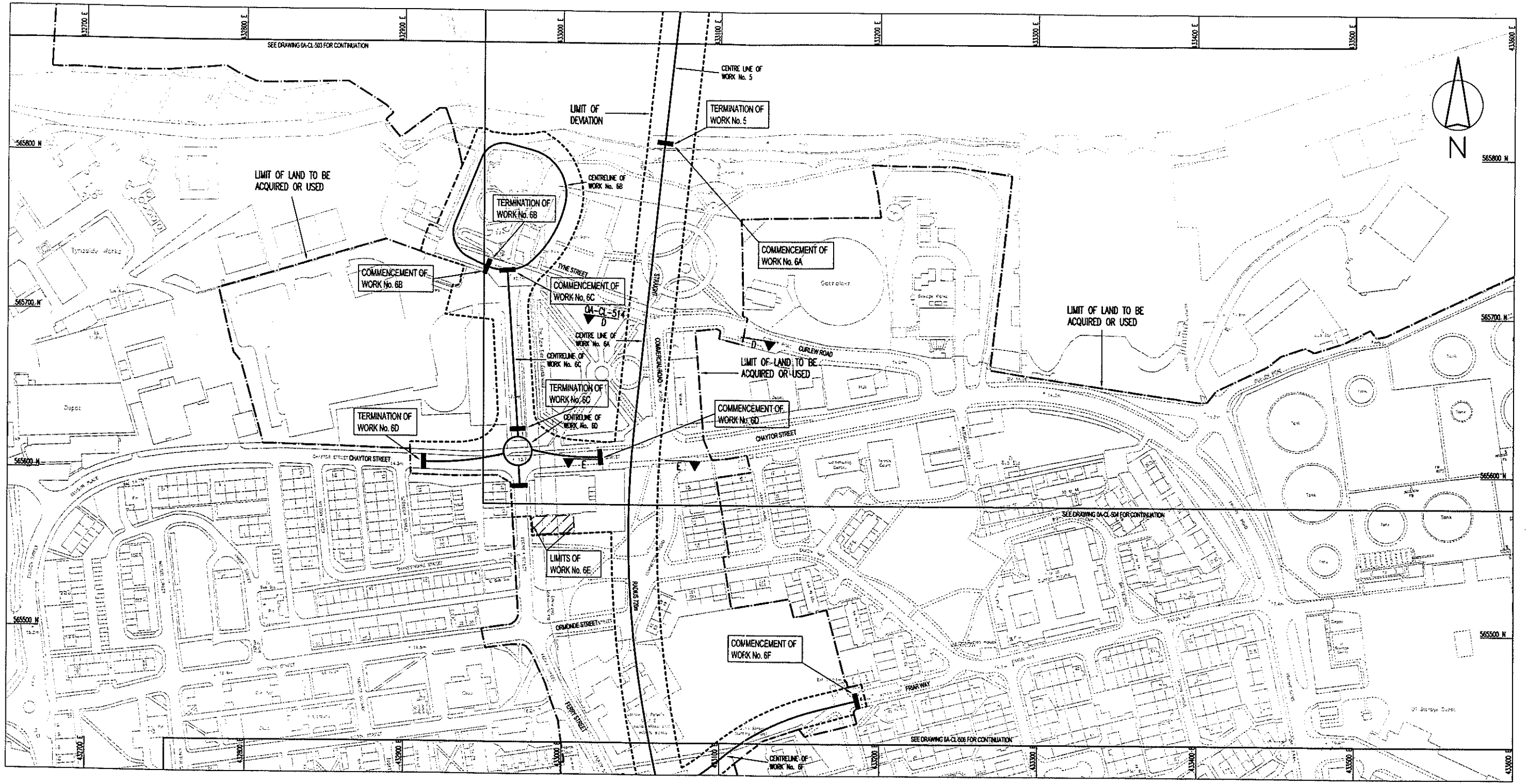
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# METROPOLITAN BOROUGH OF SOUTH TYNESIDE PLAN

TYNE AND WEAR PASSENGER  
TRANSPORT AUTHORITY  
RIVER TYNE (TUNNELS) ORDER

WORK Nos 5 & 6

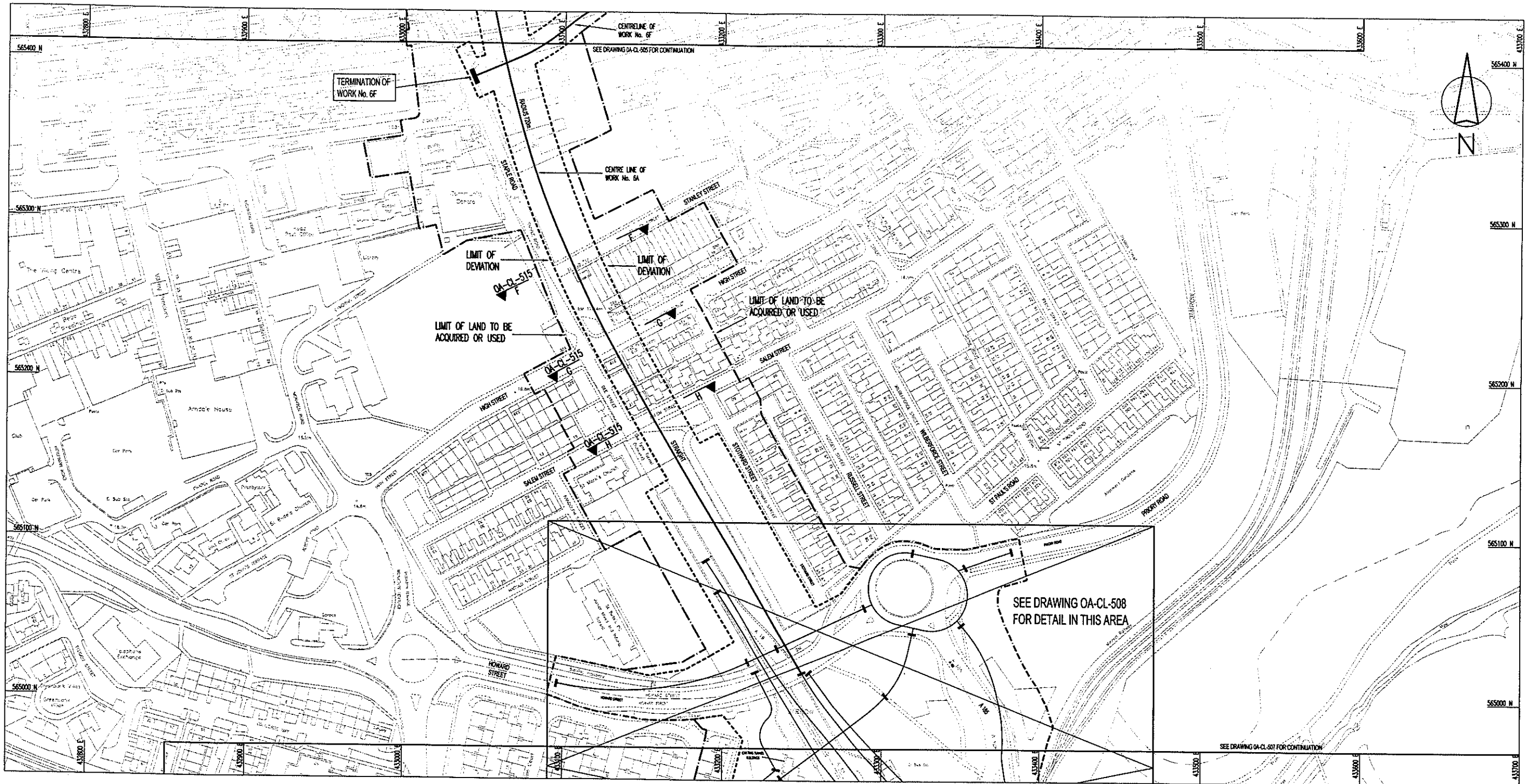


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# METROPOLITAN BOROUGH OF SOUTH TYNESIDE PLAN

TYNE AND WEAR PASSENGER  
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RIVER TYNE (TUNNELS) ORDER

WORK Nos 6 & 7



HORIZONTAL SCALE FOR PLAN



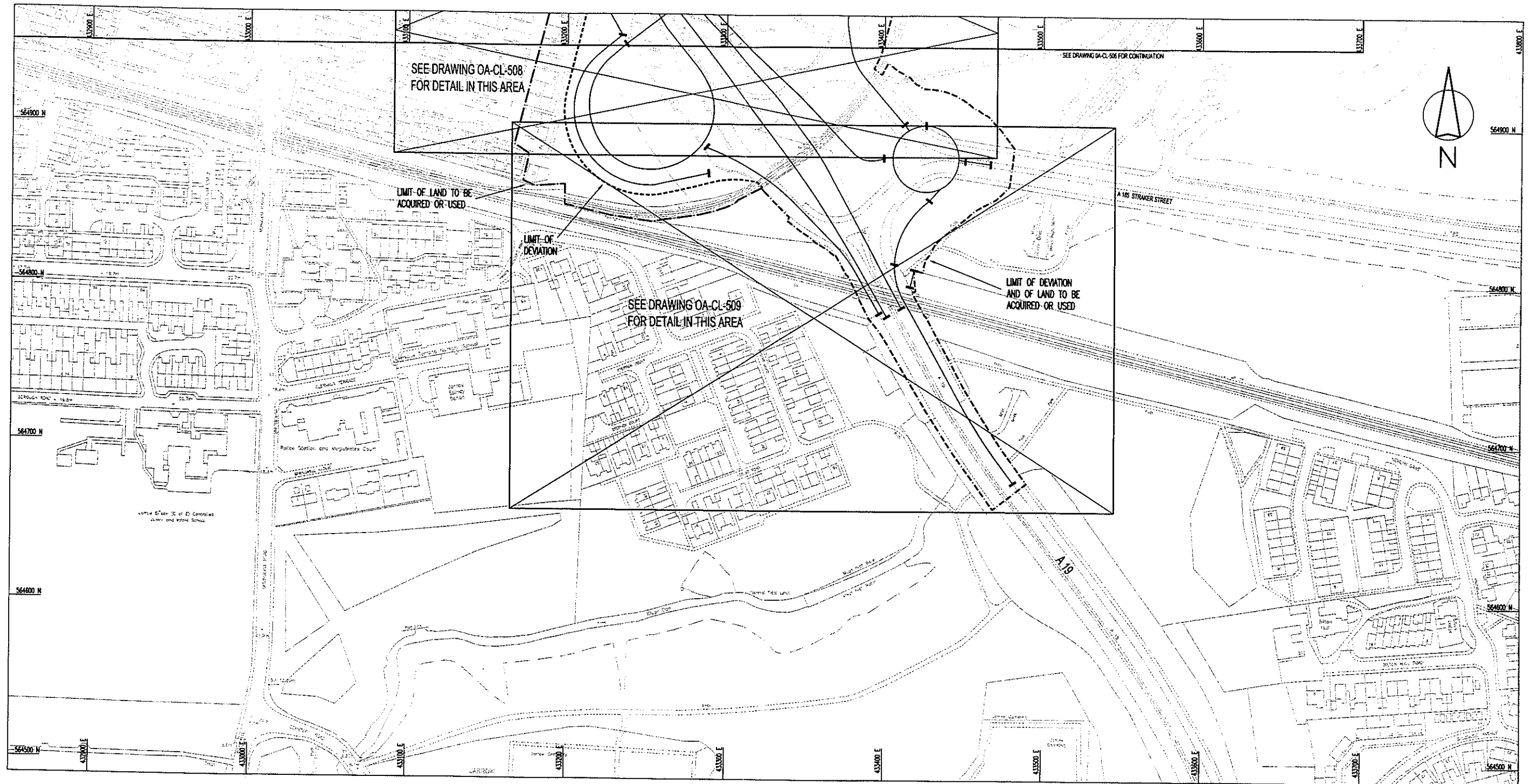
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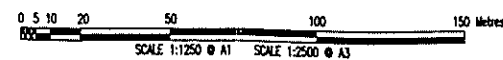
# METROPOLITAN BOROUGH OF SOUTH TYNESIDE PLAN

TYNE AND WEAR PASSENGER  
TRANSPORT AUTHORITY  
RIVER TYNE (TUNNELS) ORDER

WORK No 7



HORIZONTAL SCALE FOR PLAN



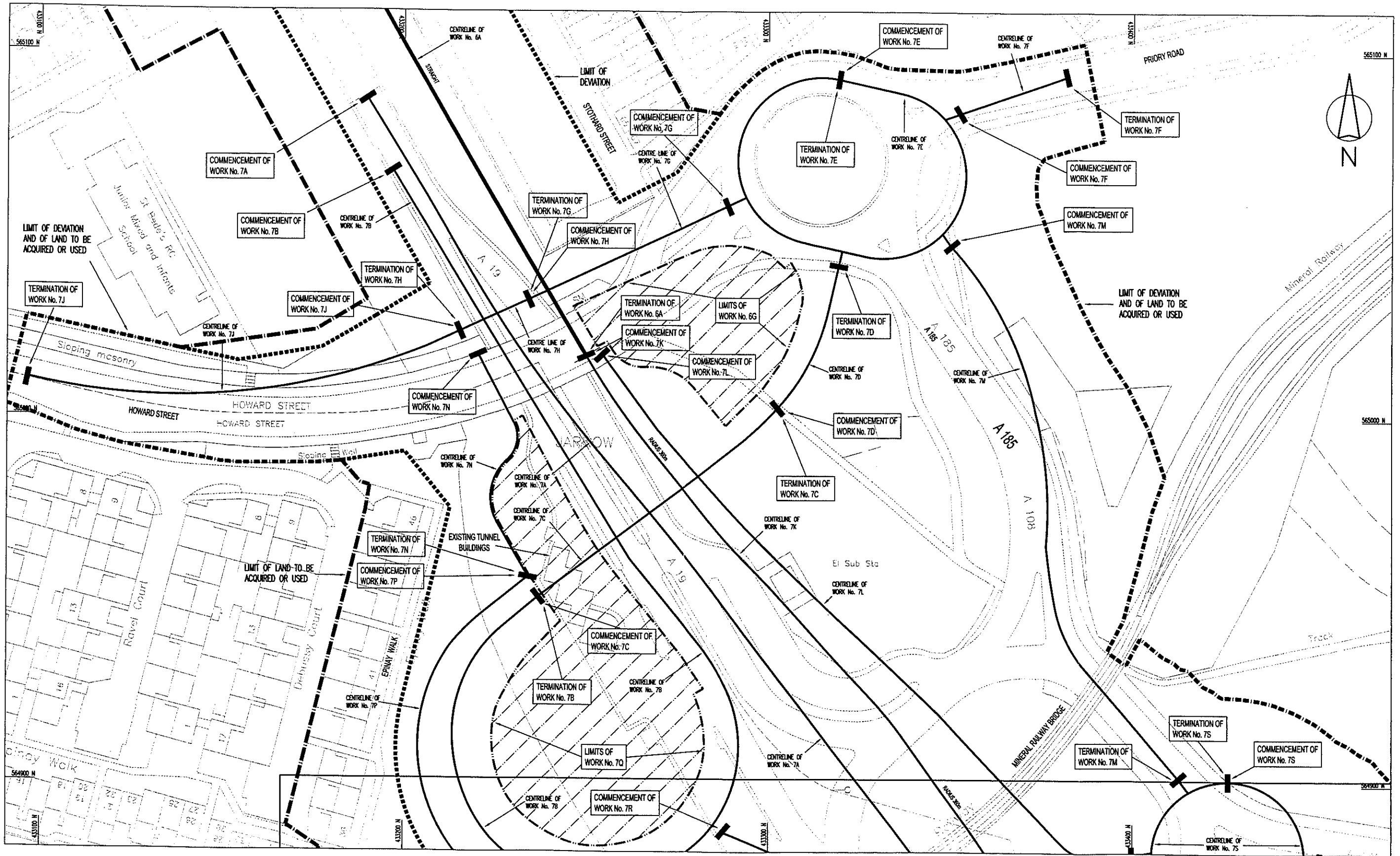
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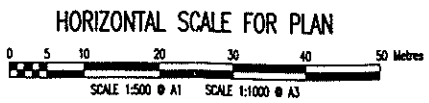
# METROPOLITAN BOROUGH OF SOUTH TYNESIDE PLAN

TYNE AND WEAR PASSENGER  
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 RIVER TYNE (TUNNELS) ORDER

WORK Nos 6 & 7



SEE DRAWING OA-CL-508 FOR CONTINUATION

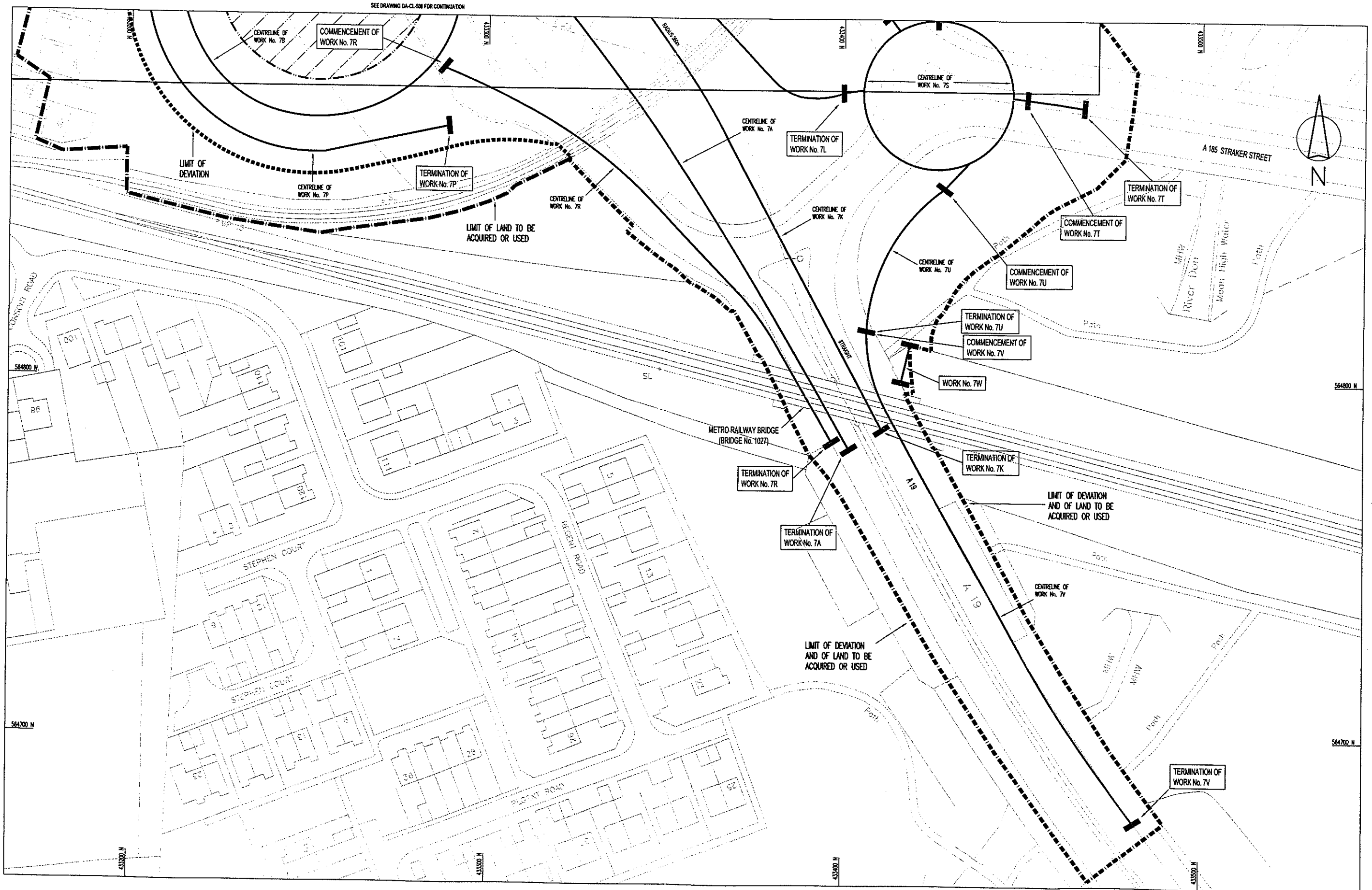


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# METROPOLITAN BOROUGH OF SOUTH TYNESIDE PLAN

TYNE AND WEAR PASSENGER  
 TRANSPORT AUTHORITY  
 RIVER TYNE (TUNNELS) ORDER

WORK No 7



HORIZONTAL SCALE FOR PLAN

