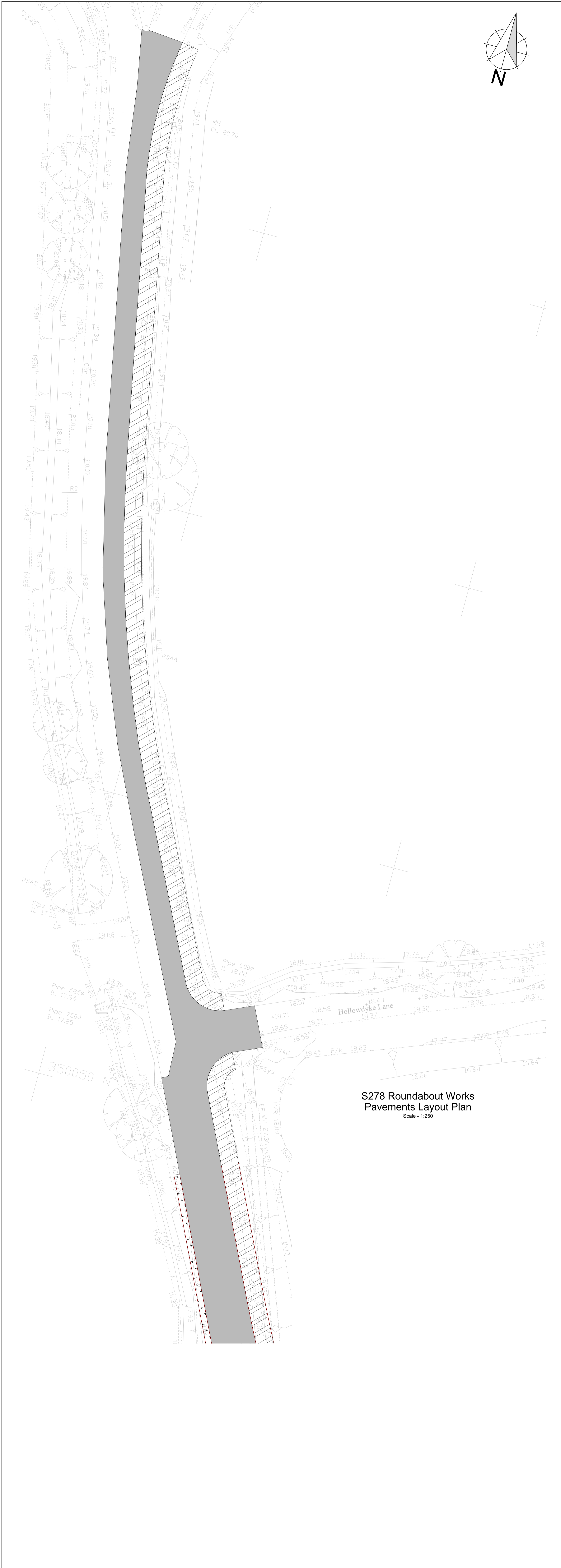


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**S278 Roundabout Works
Pavements Layout Plan**
Scale - 1:250



**S278 Roundabout Works
Pavements Layout Plan (continued)**
Scale - 1:250

- MATERIALS KEY**
- Carriageway Construction**
 - Surface Course: 50mm HRA 55/14 F surf 40/60 des (20mm pre-coats)
 - Binder Course: 60mm AC20 dense bin 40/60 des
 - Base course: 190mm AC32 base 40/60 rec
 - (Sub Base see table below)
 - Carriageway Construction (Overlay)**
 - Surface Course: 50mm HRA 55/14 F surf 40/60 des (20mm pre-coats)
 - Binder Course: 60mm AC20 dense bin 40/60 des
 - Binder Course regulating as required (varying thickness)
 - Footway Construction**
 - Surface course: 20mm - AC6 dense surf 100/150 in accordance with BSEN13108.
 - Base course: 50mm - AC20 dense bin 160/220 rec in accordance with BSEN13108.
 - Sub Base: 160mm granular sub base material Type 1 to Clause 803 of the Highway Agency Specification.
 - Grass Verges**
 - 150mm Topsoil and seed

CBR Value %	Minimum 450mm Frost Susceptibility (see clause 4.6.1)	
	Nominal Road (300mm Bituminous Layer Footways)	
	Covering mm	Sub-base mm
Less than 2	600	150
2	450	150
3	300	150
4	300	100
5 to 15	250	100
More than 15	200	100

All pavement materials with a 450mm of frost-susceptible levels shall be non frost susceptible sub-base covering, depth dependent upon CBR of sub-base.

Where the equilibrium CBR falls between values in the above table, round down the value to the lowest figure.

REV	DATE	BY	DETAILS	CHKD
A	20.05.21	ATF	Roundabout alignment amend.	JMK

NOTES

DATE	CHECKED	APPROVED BY	SCALE	DRAWN	ENGINEER	DRAWING NO.	DRAWING STATUS
23.11.20	JMK	JMK	1:250 @ A0	ATF	JMK	MA11107 / 703 A	PRELIMINARY

Millward
consulting engineers

Larkfleet
ROXBY

1 Main Hill, Nottingham, NG1 1JG
t: 0115 841 4500
w: www.millward.co.uk
e: info@millward.co.uk

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