

Job No. <u>LOS9 / SAT</u>	Project <u>SOUTH YORKSHIRE RAILWAY ASSESSMENTS</u>	Sheet No. <u>1</u> of <u>1</u>
Client <u>H.A.</u>	Subject <u>HIGHAM COMMON.</u>	Calc. by [REDACTED]
		Date <u>24/5/94</u>
		Check by

Source/Ref

SUMMARY OF RESULTS.

GLOBAL ULS

- ① The deck is capable of withstanding 40T MA
- ② " " " " " " " 45 units of MB + associated MA
- ③ " " " " " " " Accidental wheel loading.

LOCAL ULS.

The deck slab passes punch analysis, punching shear check.

SLS check

Main span

- a) Intermediate beams : Class 2 member. SLOTTED 2
- b) Service U - Duct Class 3 member.

Upgrading of parapets

Parapet assessed as being able to be upgraded to a P2 parapet for 3 posts assessment but fails for 1 post assessment.

0.071