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THE TRAMWAY MUSEUM SOCIETY

DEVELOPMENT COMMITTEE

Minutes of the 45th meeting held on Sunday 13th October 1996.

Present: A.W.Bond (Chairman); M.C.Wright; J.Soper; M.S.Miller (Manager).

1. **Apologies for absence:** none. All present.
2. **Minutes of the last meeting (1.9.96):** Approved.
3. **Matters Arising:** Covered below.

4. **Red Lion:** The building estimate was reviewed and adjusted ("Re-erection of Red Lion, Sept 1995, based on original estimate dated 1989, reviewed 13.10.96"), appendix 1. Estimates for the winter budget had included £11,000 to fit the roof. However it became clear in the discussion that there was still approximately 150 of the original December 1995 estimate of 200 man-days still needed before the walls would reach the required height (i.e. 50 man-days achieved in the last nine months).

At this rate, unless more resource was used, it would not be possible to put on the roof until the winter budget 1999/2000, and the building site and scaffolding would remain in place until then. This was over double the time frame estimated at the last meeting only six weeks ago.

It was agreed that, including the carry-forward, a total of £4500 would be sufficient for the winter period, and it would be recommended that additional resource be allocated to advance progress to enable the roof to be installed during the summer budget 1997. The target was an unglazed but waterproof shell by October 1997. The Manager would identify what other winter work would have to be deferred to achieve this target. Action: MSM

A further £85,000 would then be required before the building could be used.

There had been complaints that the building work could be seen from the entrance road and should be screened, and it was agreed this would be reviewed.

Action: MSM & JS

5. **Other items for the Winter Budget:**

a. Wheelchair route to Town End, for access to Berlin 3006. Precise details to be reviewed with the 3006 project group (appendix 2). In essence, ramps would be needed and kerbs realigned. It was emphasised that the Tramway Period Street should not be compromised by these alterations. Action: MCW

b. More Tarmac: Around the public entrance; the first bay of the car park; the slope to the Fleamarket. The proposal to tarmac Field House car park was not agreed. Action: MSM

c. Footpath Fleamarket to Wakebridge. Consideration required on fencing and gates, a steady stream of visitors now appears every day at Cabin Crossing and expects to be able to board a tram. Action: MSM

d. Bookshop awning. New signs would be required. In view of the unauthentic repaints earlier this year, it was agreed that their design and colour must be approved by the Committee prior to repainting. Action: MSM

6. **AOB:** New shop signs had appeared on the side and end of the Forge Bookshop. It was agreed that they were of a totally inappropriate design, not Tramway Period and should be removed. It was agreed that the Collections Management Committee be asked to define a suitable set of fonts of the correct Tramway Period using computer-aided design. Action: AWB

Next meeting: Sunday 27th October, 10.30am

Circulation: Those present, Board, Mins Sec.

Appendix one

THE NATIONAL TRAMWAY MUSEUM CRICH, MATLOCK, DERBYSHIRE

RE-ERECTION OF RED LION HOTEL

Estimate of cost to complete - September 1995 (based on original estimate dated 1989) - Reviewed 131096

1 SITE PREPARATION

- | | | |
|-----|---|-------|
| 1.1 | Excavation of area to be occupied by covered way with wall at rear. Provisional sum | £1000 |
| 1.2 | Excavation for drainage | £ 400 |

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| Total | £1400 |
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2 FOUNDATIONS

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|-----|---|-------|
| 2.1 | Concrete strip foundations for walls to covered way approx. 9 cu. M. @ £65 per cu. M. | £ 585 |
|-----|---|-------|

3 DRAINAGE

- | | | |
|-----|------------------------------------|-------|
| 3.1 | 2 No. manholes @ £500 each | £1000 |
| 3.2 | 100mm dia Hepsleve 9M @ £5 per M. | £ 45 |
| 3.3 | 150mm dia Hepsleve 25M @ £8 per M. | £ 208 |
| 3.4 | Granulated fill | £ 50 |
| 3.5 | Soakaway including gullies | £ 500 |

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| Total | £1803 |
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4 EXTERNAL WALLS

It is assumed that the External Walls to the Red Lion will be completed by both paid and voluntary labour

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|-----|--|-------|
| 4.1 | Construction of Red Lion in Fibre Glass | £4000 |
| 4.2 | Hire of crane for lifting 4 corner features | £ 500 |
| 4.3 | Provision of 6 No. balusters. "say" | £ 600 |
| 4.4 | Construction of walls to covered way. 102mm external skin of brickwork, 140mm p.c. conc. inner skin 7N blockwork. 9m sq. M. @ £100 per sq.M. | £9600 |
| 4.5 | Winter 96/97 Labour cost | £3500 |

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| Total | £18200 |
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5 INTERNAL WALLS AND PARTITIONS

These are about 90% complete and it is assumed they will be completed by voluntary labour.

6 WINDOWS, DOORS AND GLAZING

6.1 Supply and fix 6 No. arched window frames and 2 No. arched door frames including doors. All in hardwood. Quotation obtained by R C Hall £3500

6.2 Supply and fix 14 No. sliding sash windows 1200x2000mm approx. @ £400 each including glazing £5600

6.3 New doors to front and rear externally. 3 No. @ £600 each £1800

6.4 Glazing etched to 6 No. arched windows @ £500 each (estimate obtained by R C Hall) £3000

6.5 Stained glass to small panes. Provisional to be checked with C Forster £2000

Total £15900

7 ROOF & GUTTERS

Limestone chippings in bitumen based adhesive compound on high performance elastomeric felt torch fixed on 100mm Rockwool Hardrock insulation on vapour barrier on 25mm thick exterior quality plywood deck to W B P grade to BS1435 nailed to 75x225mm joists to falls grade SC3 timber at 450mm c/s to provide a U value not exceeding .45W/sq.M/deg.C 150mm felt upstands and flashings.

7.1 75x225mm joists including herringbone strutting. 315M @ £10 per M. £3150

7.2 25mm plywood decking @ £15 per sq. M 120 sq. M £1800

7.3 Elastomeric felt on Rockwool Hardrock insulation on vapour barrier @ £25 per sq. M. 120 sq.M. £3000

7.4 100mm cast iron rwps and hopper heads. 15M @ £50 per M. including gutters. £ 750

7.5 Parapet copings to rear extensions. Haddonstone T830. 25M @ £65 per M. £1625

7.6 Supply of RSJ £ 500

Total £10825

8 INTERNAL DOORS AND IRONMONGERY etc.

8.1 Fix only 2 No. pitch pine doors and frames to ground floor. £150 each £ 300

8.2 Supply and fix 10 No. fsc doors and sw frames including ironmongery @ £300 per door £3000

8.3 Skirtings 175mm x 25mm sw @ £4 per M. 130 M £ 520

8.4 Dado rail to first floor 60M run @ £2 per M. £120

8.5 Fix only Swinegate screens, doors, fireplace etc. Provisional sum. £1000

Total £4940

9 WALL FINISHES

Two coat bonding plaster to walls

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| 9.1 | Bar 73 sq. M. @ £7 per sq. M. | £ 511 |
| 9.2 | Bar store 47 sq. M. @ £7 per M. | £ 329 |
| 9.3 | Toilets. 98 sq. M. @ £7 per sq. M. | £ 686 |
| 9.4 | Corridor and staircase. 33 sq. M @ £7 per sq. M. | £ 231 |
| 9.5 | First floor area 115 sq. M. @ £7 per sq. M. | £ 805 |
| 9.6 | First floor staircase 38 sq. M. @ £7 per sq. M | £ 266 |

Total £2828

10 SANITARY WARE

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|------|---|-------|
| 10.1 | Supply and fix 3 No. wcs and urinal @ £250 each | £1000 |
| 10.2 | Supply and fix 4 No. wash hand basins @ £150 each | £ 600 |

Total £1600

11 CEILING FINISHES

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| 11.1 | Gyproc M/F ceilings throughout. | |
| | Ground floor approx. 140 sq. M. @ £12 per sq. M. | £1680 |
| 11.2 | First floor approx. 140 sq. M. @ £12 per sq. M. | £1680 |

Total £3360

12 FLOOR FINISHES

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| 12.1 | 75mm thick floor screeds sand3cement to all floors. | |
| | 200 sq. M. @ £8 per sq.M. | £2240 |

13 FINISHES

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| 13.1 | Floors: fitted carpet to first floor, ground floor and staircase, except for toilets and stores where Altro non-slip flooring is to be used. Average £18 per sq. M. 280 sq.M. @ £18 per sq. M. | £5040 |
| 13.2 | Walls and ceilings. 1 coat sealer, 2 coats emulsion paint. 304 sq. M. @ £3 per sq. M. | £ 912 |
| 13.3 | Woodwork. KSP3 gloss. Provisional | £ 500 |

Total £6452

14 ELECTRICAL INSTALLATION

| | | |
|------|---|-------|
| 14.1 | Provisional sum. R Hall/N Daft/N Anderson | £4000 |
|------|---|-------|

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|------|---|--------|
| 15 | HEATING AND MECHANICAL INSTALLATION | |
| 15.1 | Provisional sum | £4000 |
| 16 | EXTERNAL COVERED WAY | |
| 16.1 | Provisional sum | £5000 |
| 17 | DISABLED TOILET/BABY CHANGE | |
| 17.1 | Provisional sum | £1200 |
| 18 | EXTERNAL WORKS | |
| 18.1 | Walkway from kitchen to first floor. Provisional sum | £1500 |
| 18.2 | Copings for rear retaining wall. Provisional sum | £2000 |
| 18.3 | Setting and paving of road. Materials supplied by Museum. Provisional sum | £5000 |
| 18.4 | Relocation of railings. Provisional sum | £1000 |
| 18.5 | Grading of land. Provisional sum | £ 500 |
| 18.6 | Surfacing of roadway to rear. Provisional sum | £2000 |
| | Total | £12000 |
| 19 | SPECIALIST CERAMICS | |
| | Supplied by C Forster | £ 700 |

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Note: No allowance has been made for any loose furniture, tables and chairs etc. that may be required.

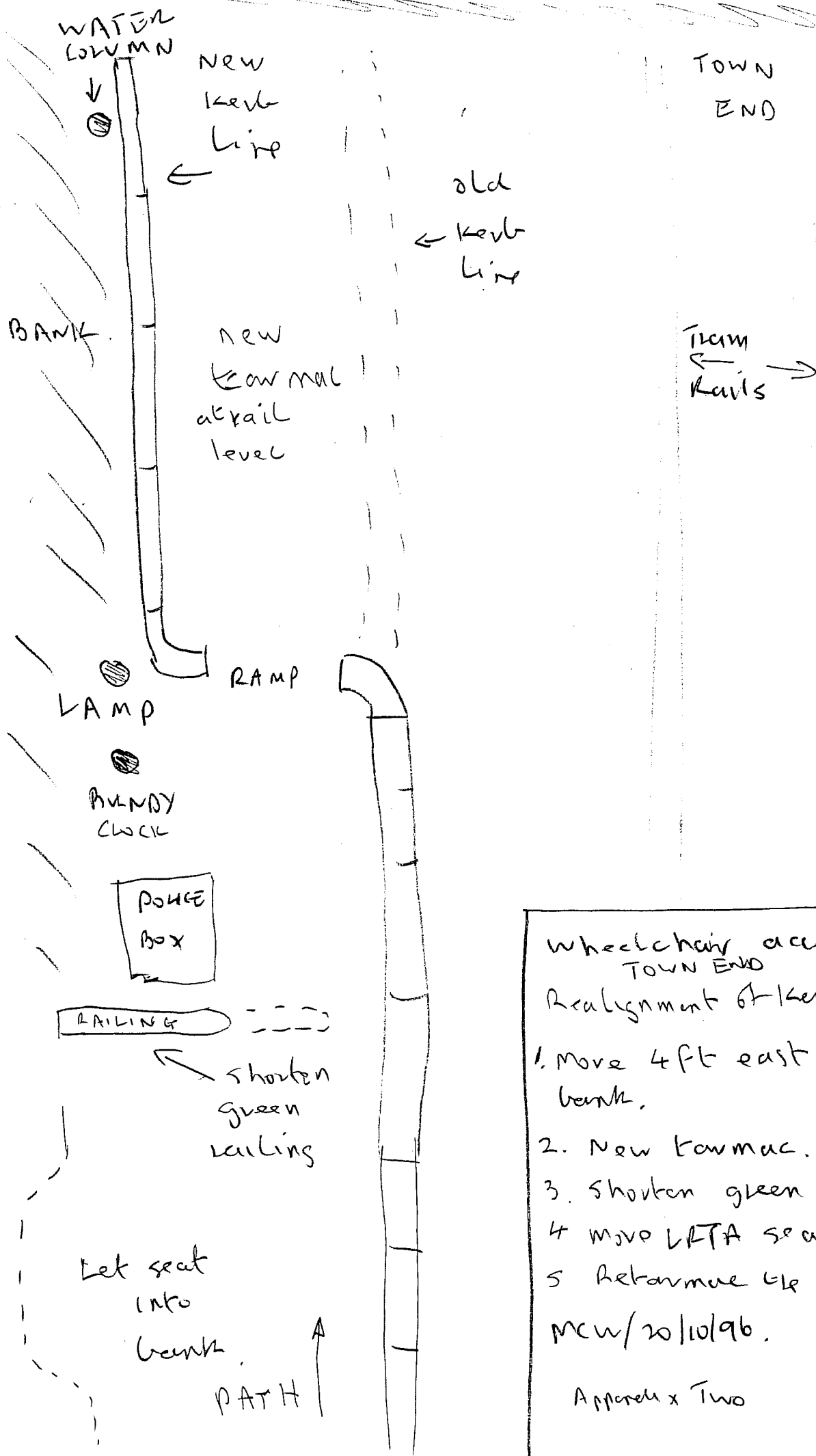
SUMMARY

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|----|-------------------------------------|--------|
| 1 | Site preparation | £1400 |
| 2 | Foundations | £ 585 |
| 3 | Drainage | £1803 |
| 4 | External Walls | £18200 |
| 5 | Internal Walls | ----- |
| 6 | Windows, doors & glazing | £15900 |
| 7 | Roof and gutters etc. | £10825 |
| 8 | Internal doors & ironmongery | £4940 |
| 9 | Wall Finishes | £2828 |
| 10 | Sanitary Ware | £1600 |
| 11 | Ceiling Finishes | £3360 |
| 12 | Floor Finishes | £2240 |
| 13 | Finishes | £6452 |
| 14 | Electrical Installation | £4000 |
| 15 | Heating and Electrical Installation | £4000 |
| 16 | External Covered Way | £5000 |
| 17 | Disabled toilet/Baby change | £1200 |
| 18 | External Works | £12000 |
| 19 | Specialist Ceramics | £ 700 |

Grand Total £97033

Transcript of J Soper's notes/msm 041096 - amended at Development Committee 131096

? mural ? should be in but
(snit)



Wheelchair access
TOWN END

Realignment of Kerm Line

1. Move 4 ft east into bank.
 2. New kermal.
 3. Shorten green railings
 4. Move LETA seat back
 5. Realign the path.
- MCW/20/10/96.

Appendix Two