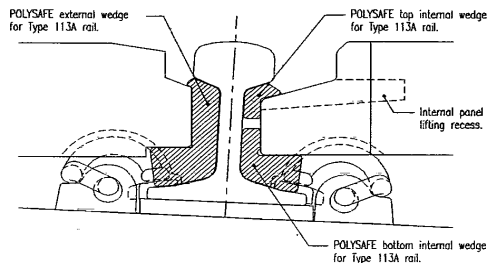
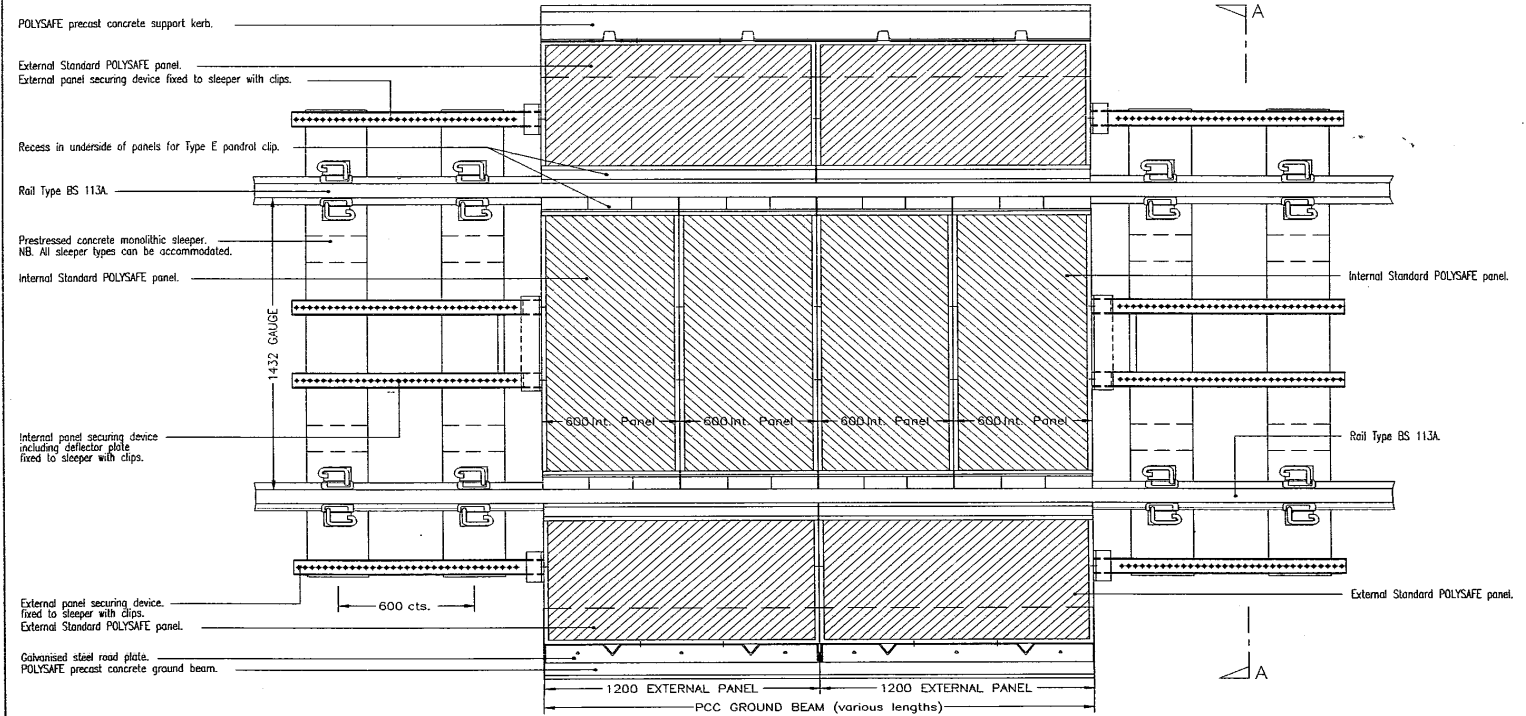


External panel supported using Polysafe ground beam and road plate. **END ELEVATION A-A** (Showing alternate external panel supports) External panel supported using concrete kerb (Bomac Type)



**DETAIL X** (Close up of rail fixing)



**PLAN OF TYPICAL CROSSING 2.4m WIDE** (Sleepers at 600 centres)



- NOTES:**  
All dimensions must be checked on-site and not solely from this drawing. If in doubt call:
- Panel manufactured with advanced steel frames using either Polymer or Concrete fillers.  
Minimum strength at 28 days:-  
a) Polymer 75N/mm<sup>2</sup>  
b) Concrete 50N/mm<sup>2</sup>
  - Reinforced concrete support kerbs to be made from Grade C30 concrete.
  - All steel fittings to be galvanised.
  - Reinforcement manufactured to BS.4449. 1988; cut and bent to BS.4466.1989.
  - Skid resistant finish to top surface of units is obtained using Bauxite or similar approved material.
  - Polysafe products are made in accordance with the Company Quality management system, which is audited and approved against the Standards of:-  
BS EN ISO 9001:1994  
Certificate No. 000240
  - For product price lists see Form QA.3/3.  
Approximate weight of largest panel is 248 kgs.

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All Polysafe crossings comply with Railtrack line Specification RT/CE/S/040. Cert No. PA05/041.

1	12.04.00	Notes amended.
2	03.10.99	Railtrack Spec. added.
3	29.07.99	Notes amended.
0	04.04.97	First issue.
	Date	Revisions

**POLYSAFE**  
LEVEL CROSSING SYSTEMS LTD  
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Drawing Title  
**POLYSAFE LEVEL CROSSING**  
**GENERAL ARRANGEMENT**  
**113A RAIL: TYPE E PANDROL**  
**CLIP**

Scale: 1:2, 1:10

Date: Apr '97 Checked: AS Drawn: TRS

Drawn	Rev.
LX-001	3