

PART TWELVE

DETAIL DESIGN & TECHNICAL RESOLUTION

Storm water drainage system (Fig. 107)

Furniture placement (Fig. 108)

Street furniture design (Fig. 109-112)

Formal stall design (Fig. 113-116)

Streetscape design (Fig. 117-120)

Sunken seating area (Fig. 121-122)

Notes:

- surface run-off channelled in 100mm deep brick drainage furrows running between rock filled tree infiltration beds (Fig. 117-120)
- all drainage channels laid in mortar to limit infiltration to tree surrounds
- drainage furrows connected to form a network that terminates in a manhole on the northern side of the site - manhole connected to municipal stormwater line along 7th street
- all ground surfaces sloped along natural ground level at 2-4%
- ground level altered and sloped away from indicated water separation ridges at 5%
- sunken seating areas drained collectively towards municipal stormwater line along Mogul street
- surrounding ground level sloped away from sunken seating areas at 10% (Fig. 121-122)

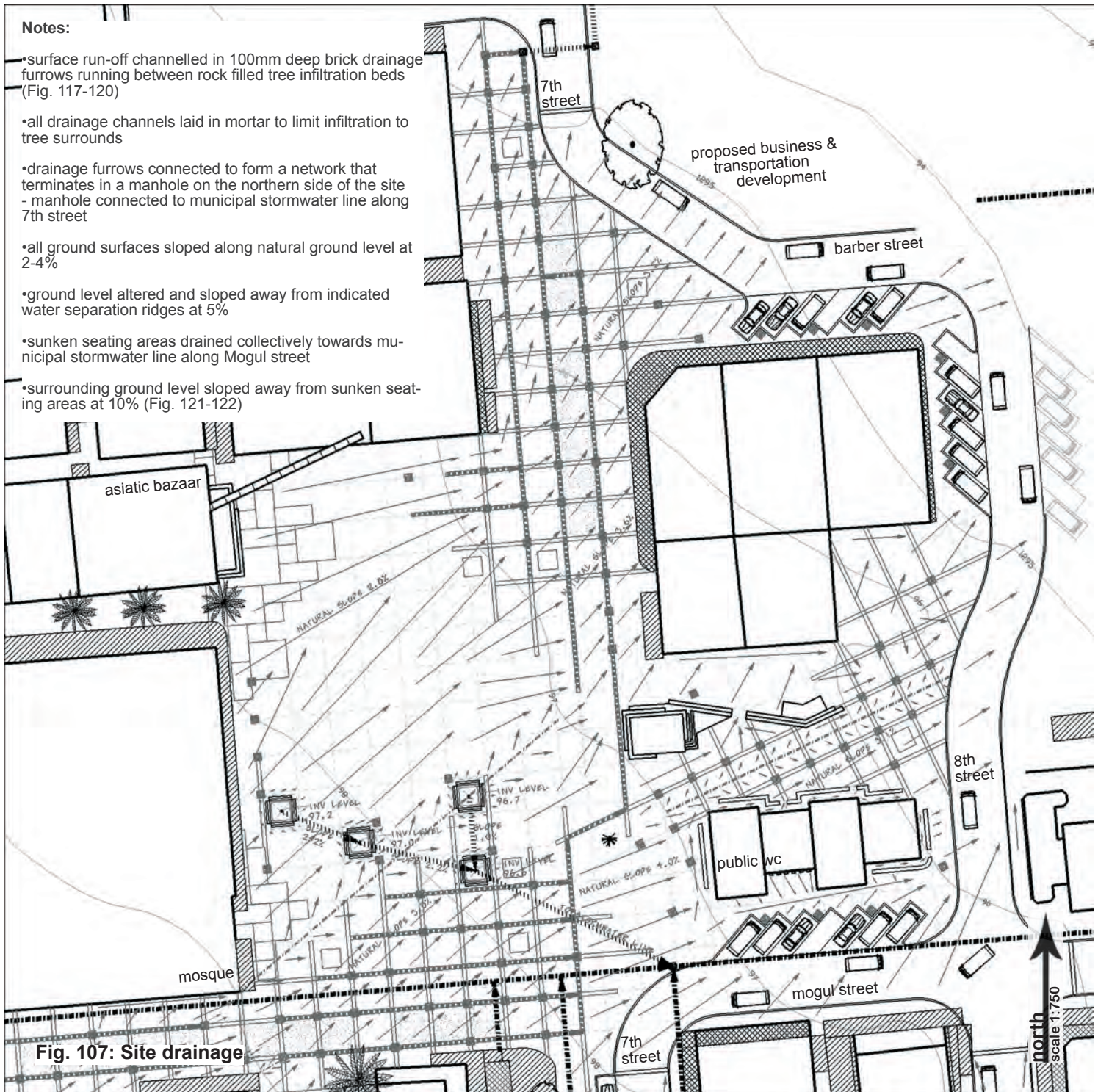


Fig. 107: Site drainage

Notes:

- all bollards (Fig. 109) placed with arm turned perpendicularly away from street kerb
- benches (Fig. 111) spaced 300mm away from nearest brock paving / drainage strip and 230mm away from nearest rock filled tree hole (Fig. 117&120)
- all benches placed in 1800 x 220mm brick paving strip and orientated in direction as indicated on plan
- lamp posts (Fig. 109) orientated perpendicular to centre line of street landscape with light bearing arms leaning inward toward eachother (Fig. 117-120)
- lamp posts adjacent to sunken seating areas to be orientated as indicated on plan (Fig. 121-122)
- overall square lighting provided by wall mounted lights fixed to surrounding buildings
- litter bins (Fig. 110) positioned at 25m centres in visible locations and placed on centre line of surrounding design elements / paving patterns (Fig. 117&120)

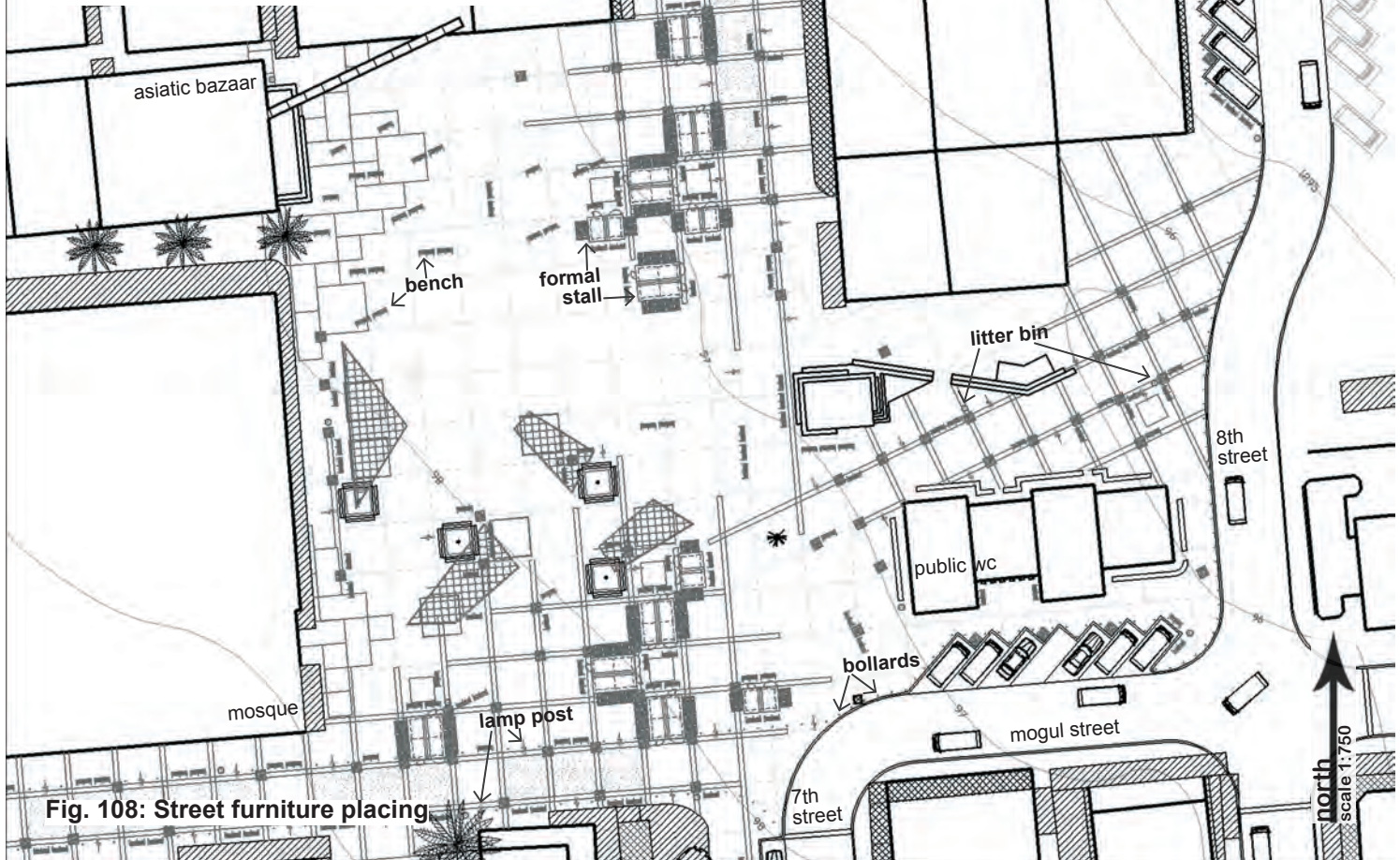


Fig. 108: Street furniture placing

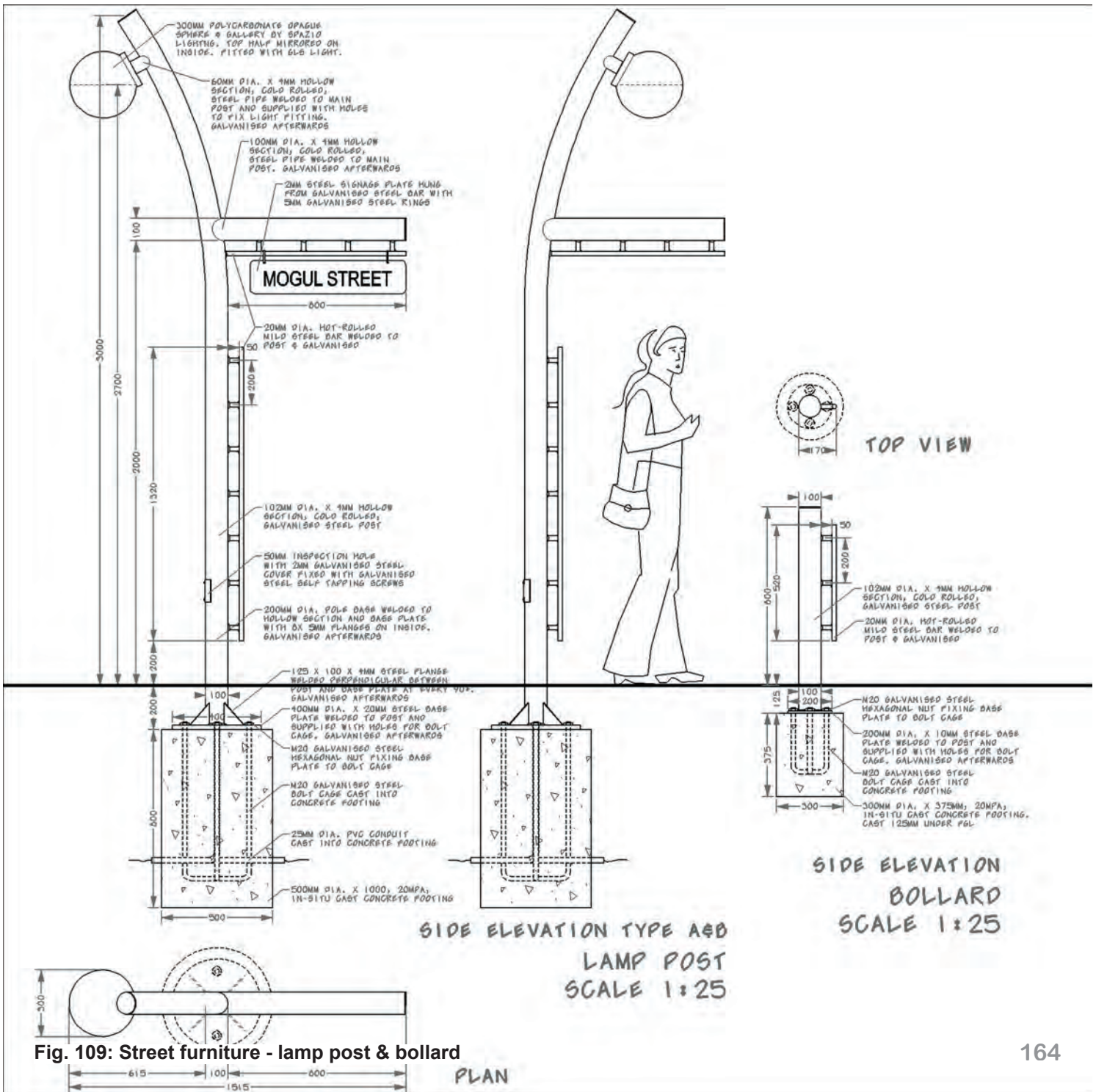


Fig. 109: Street furniture - lamp post & bollard

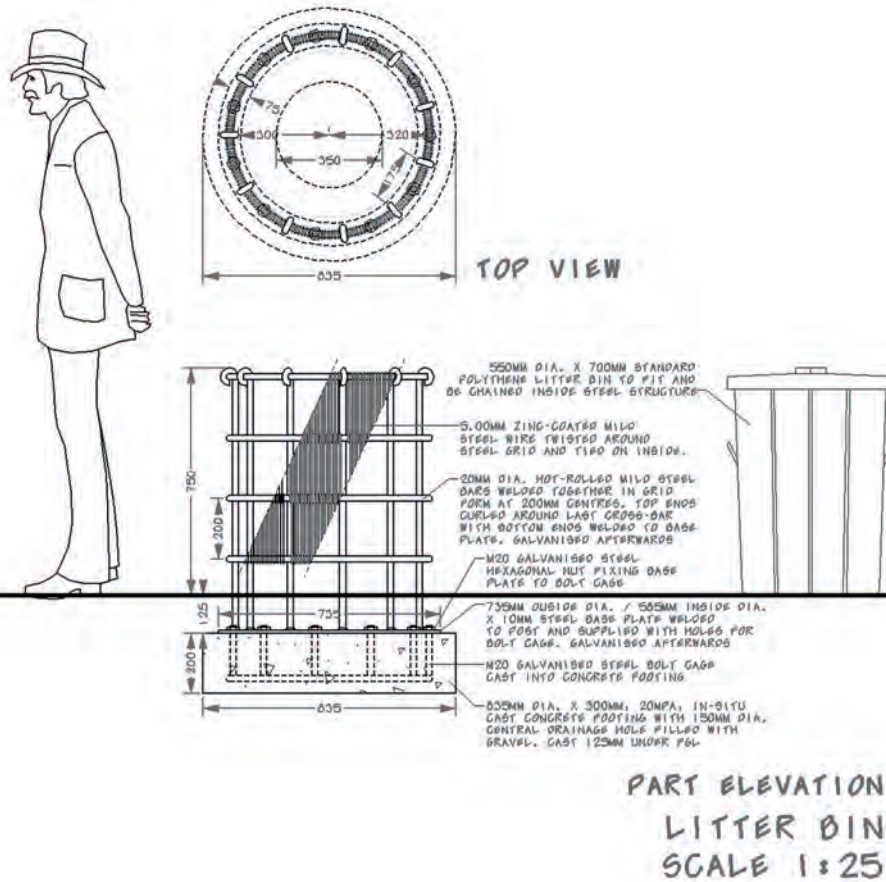


Fig. 110: Street furniture - litter bin

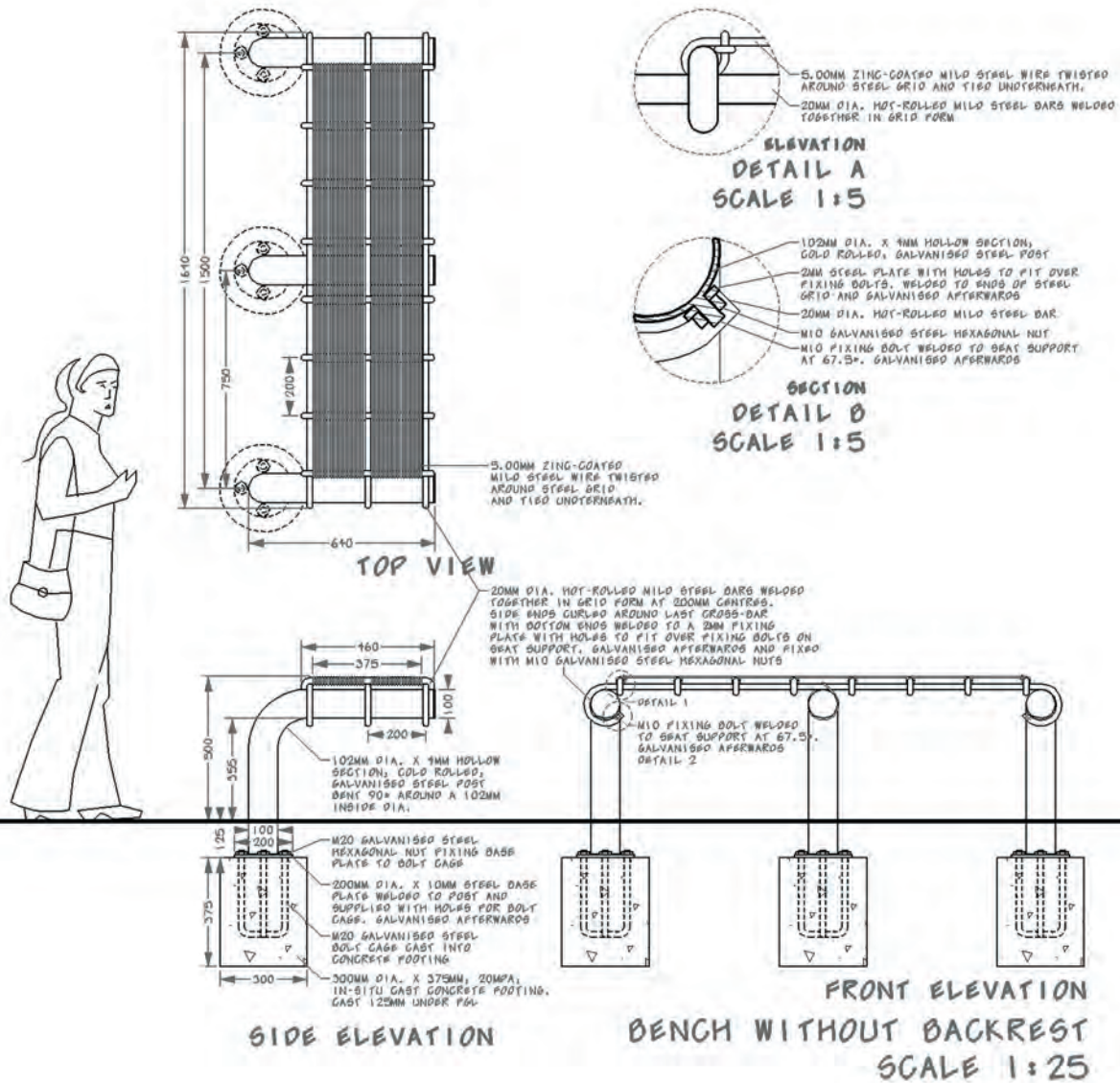


Fig. 111: Street furniture - bench without backrest

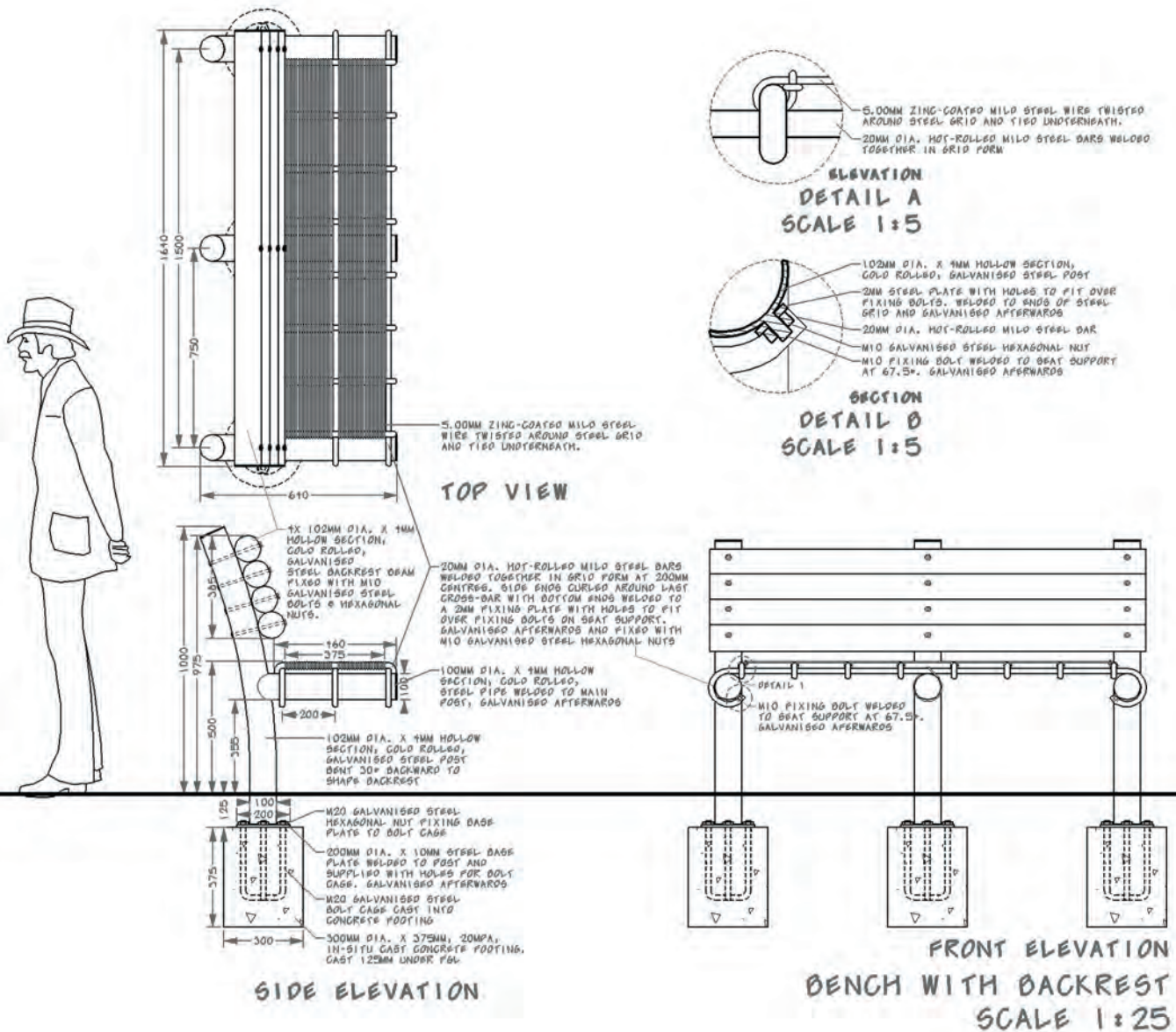


Fig. 112: Street furniture - bench with backrest

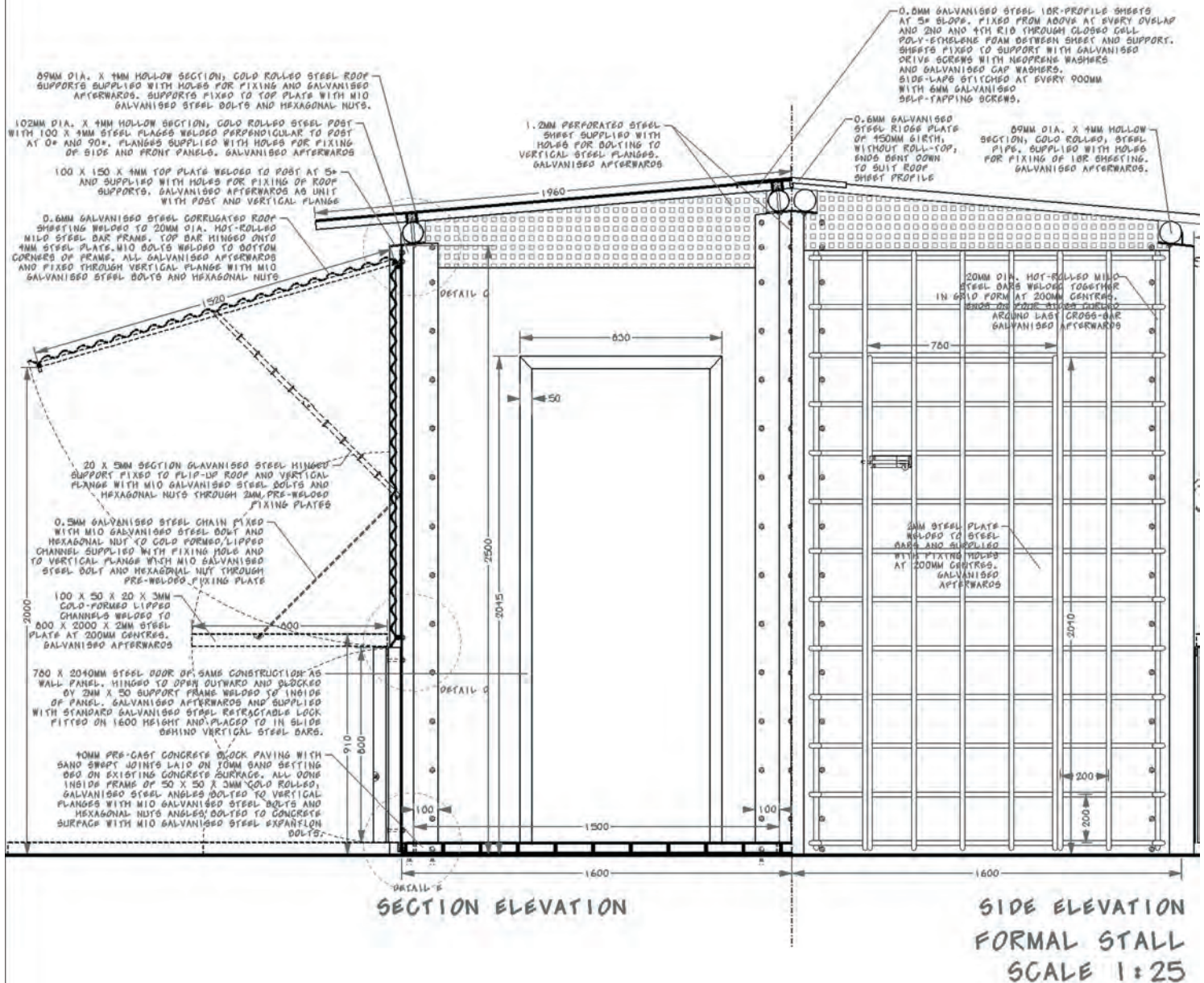


Fig. 113: Formal stall - section elevation & side elevation

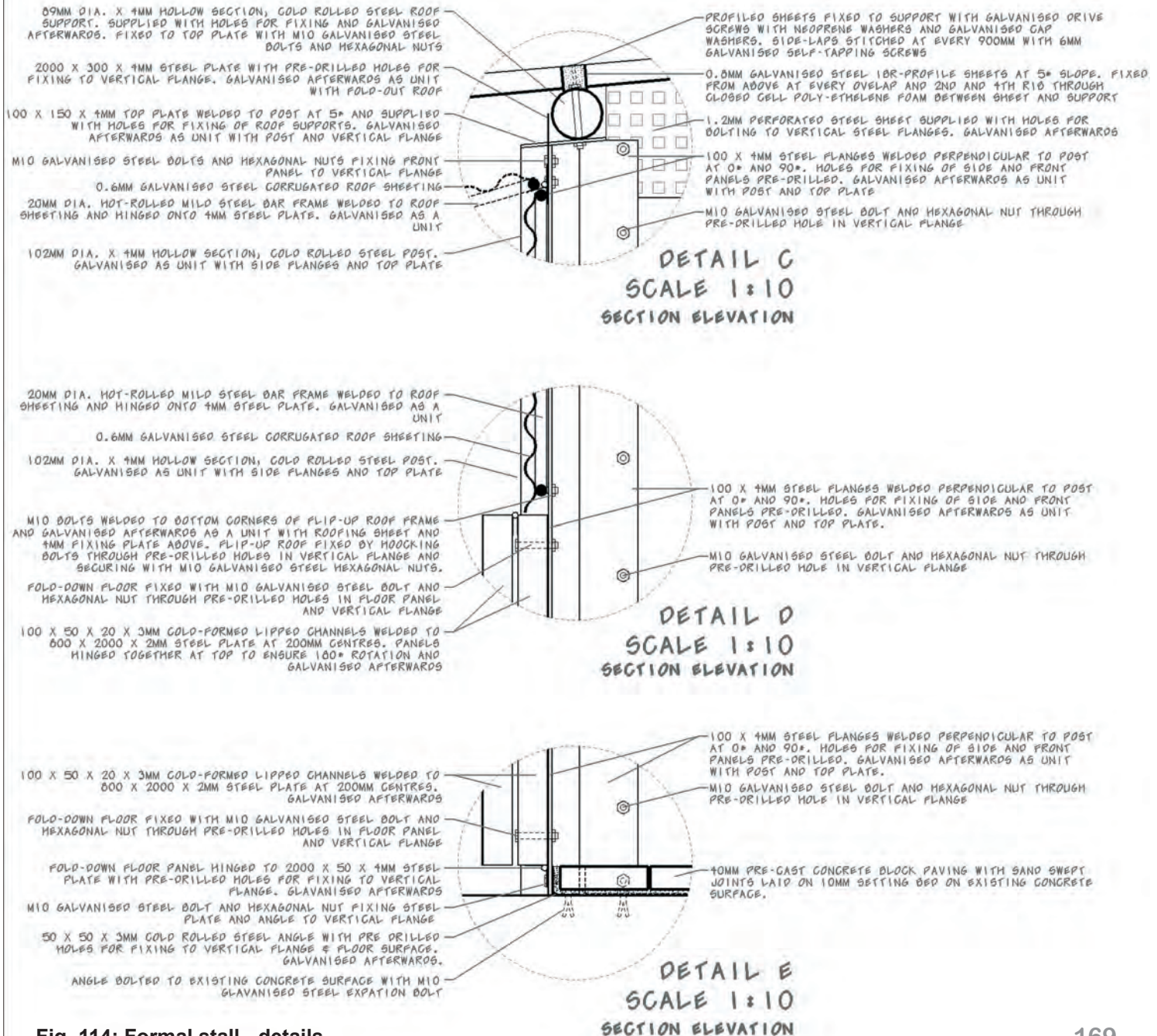


Fig. 114: Formal stall - details

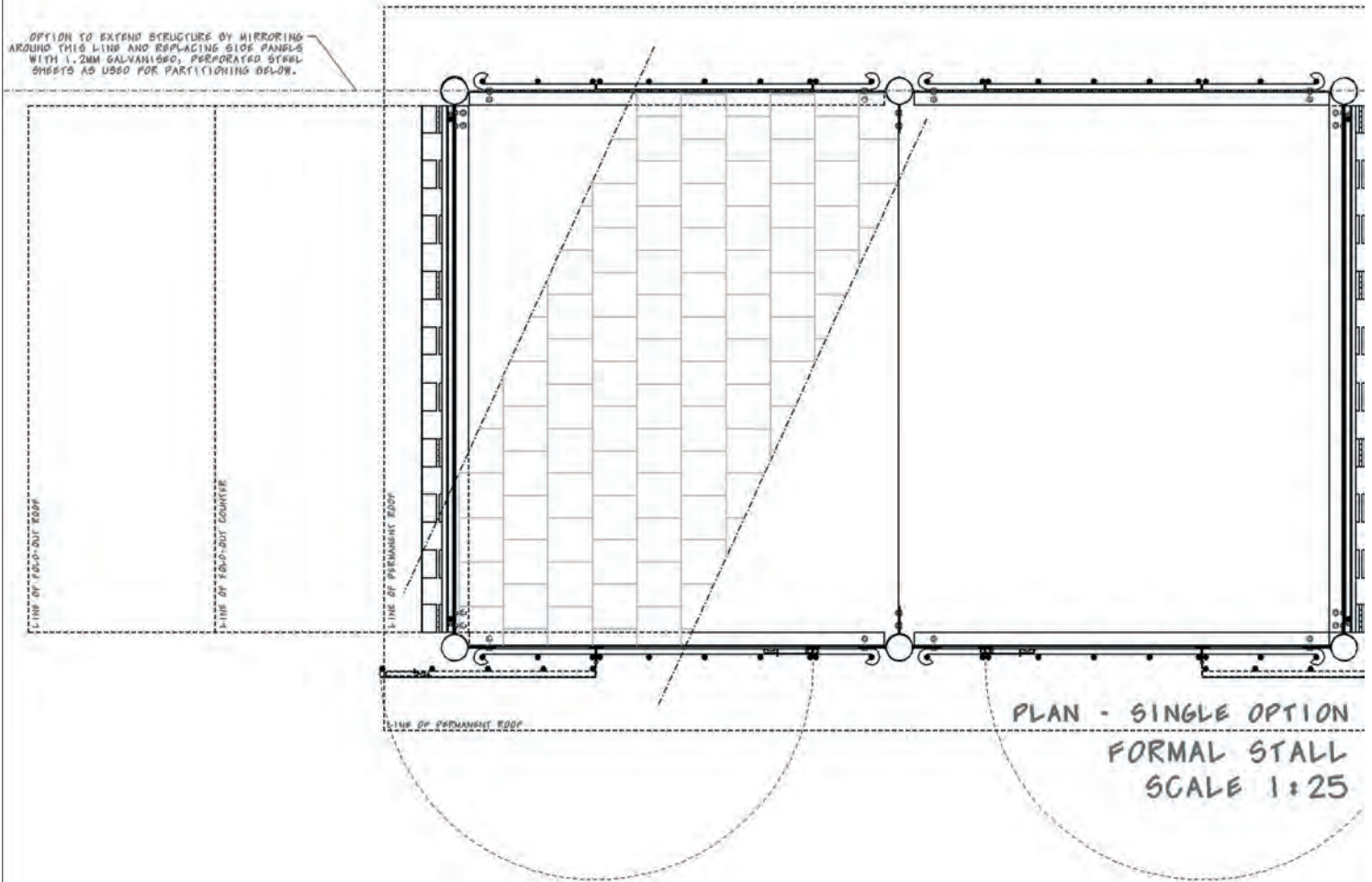


Fig. 115: Formal stall - plan, single option

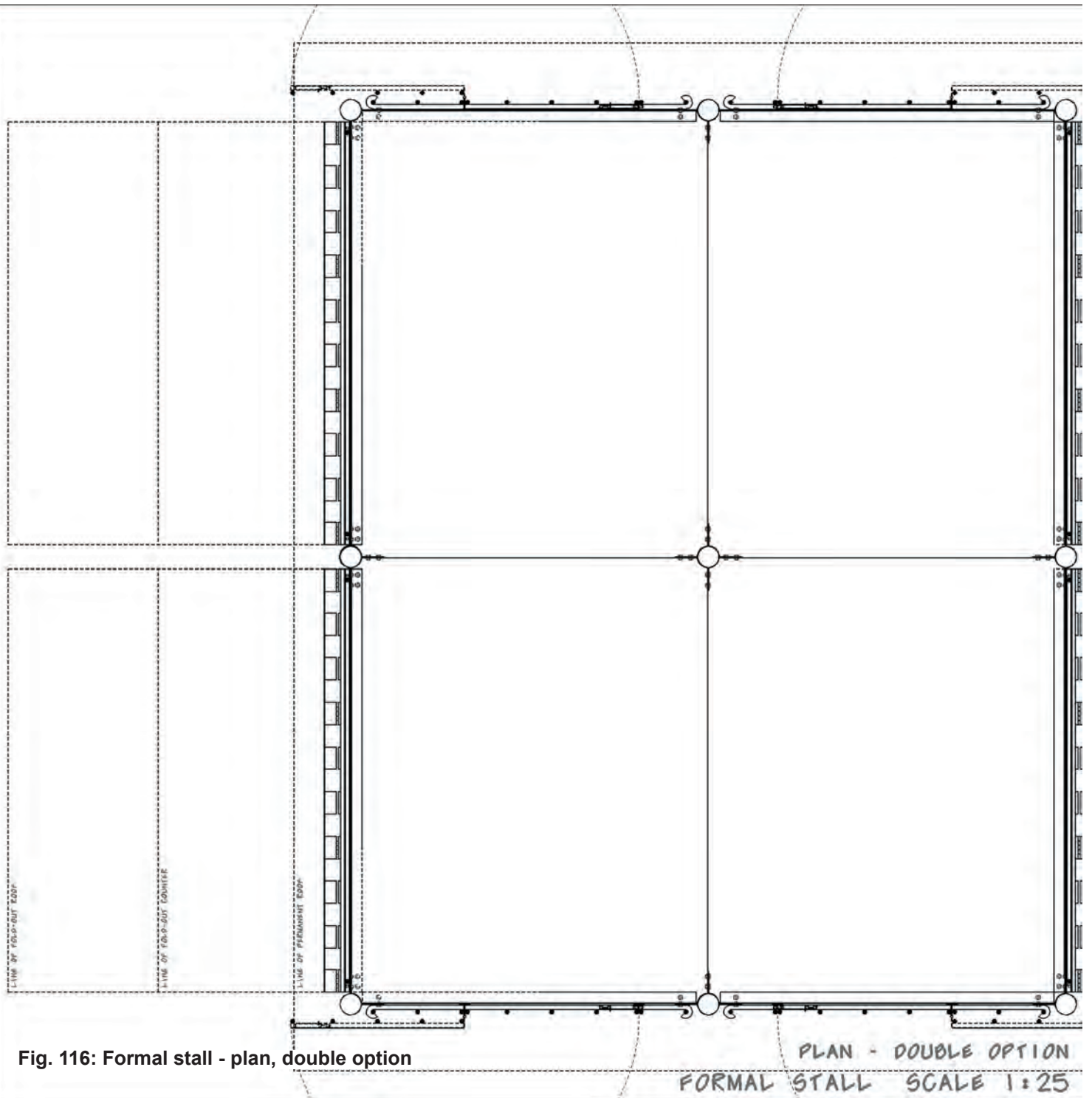


Fig. 116: Formal stall - plan, double option

PLAN - DOUBLE OPTION
FORMAL STALL SCALE 1:25

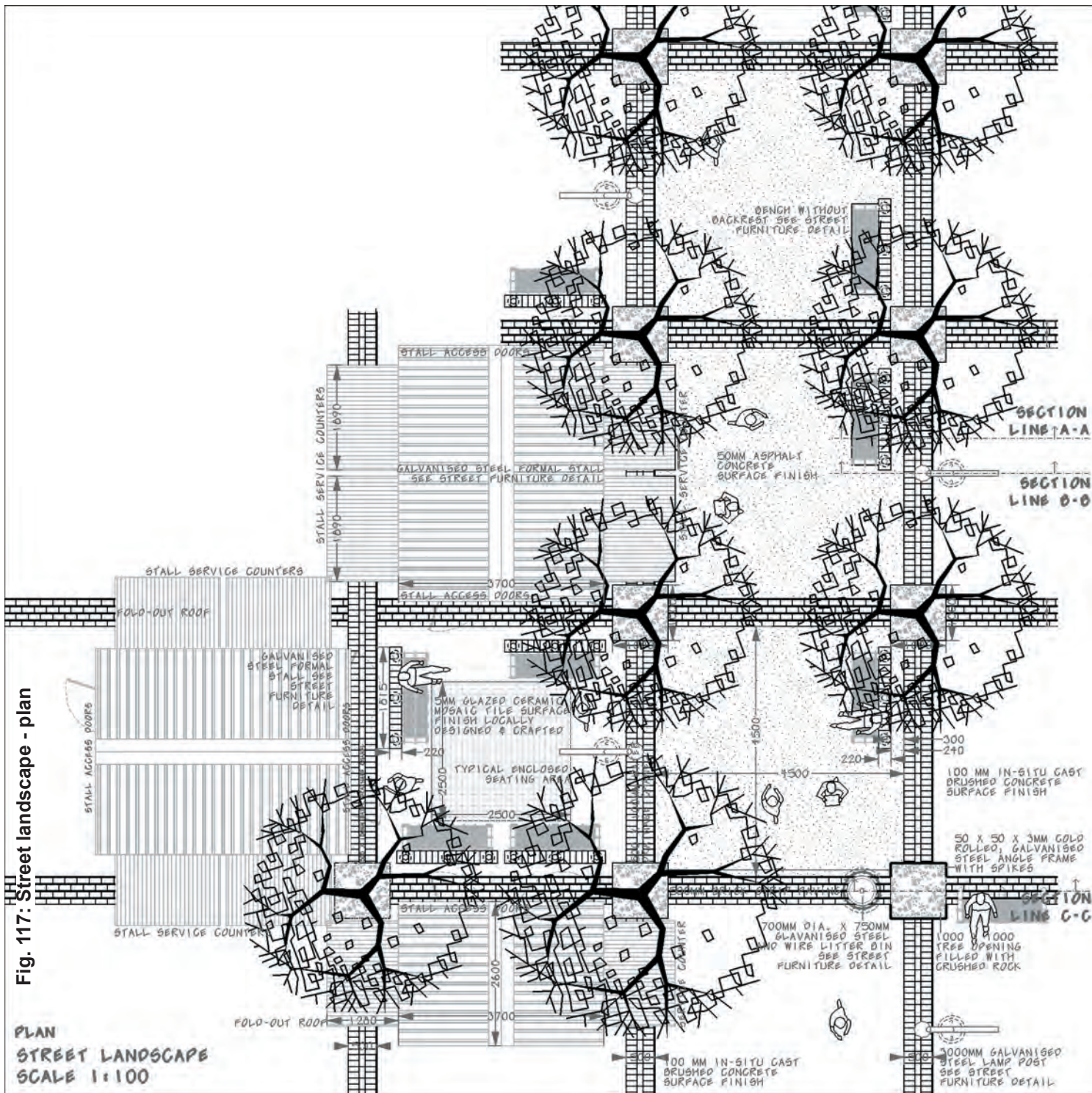
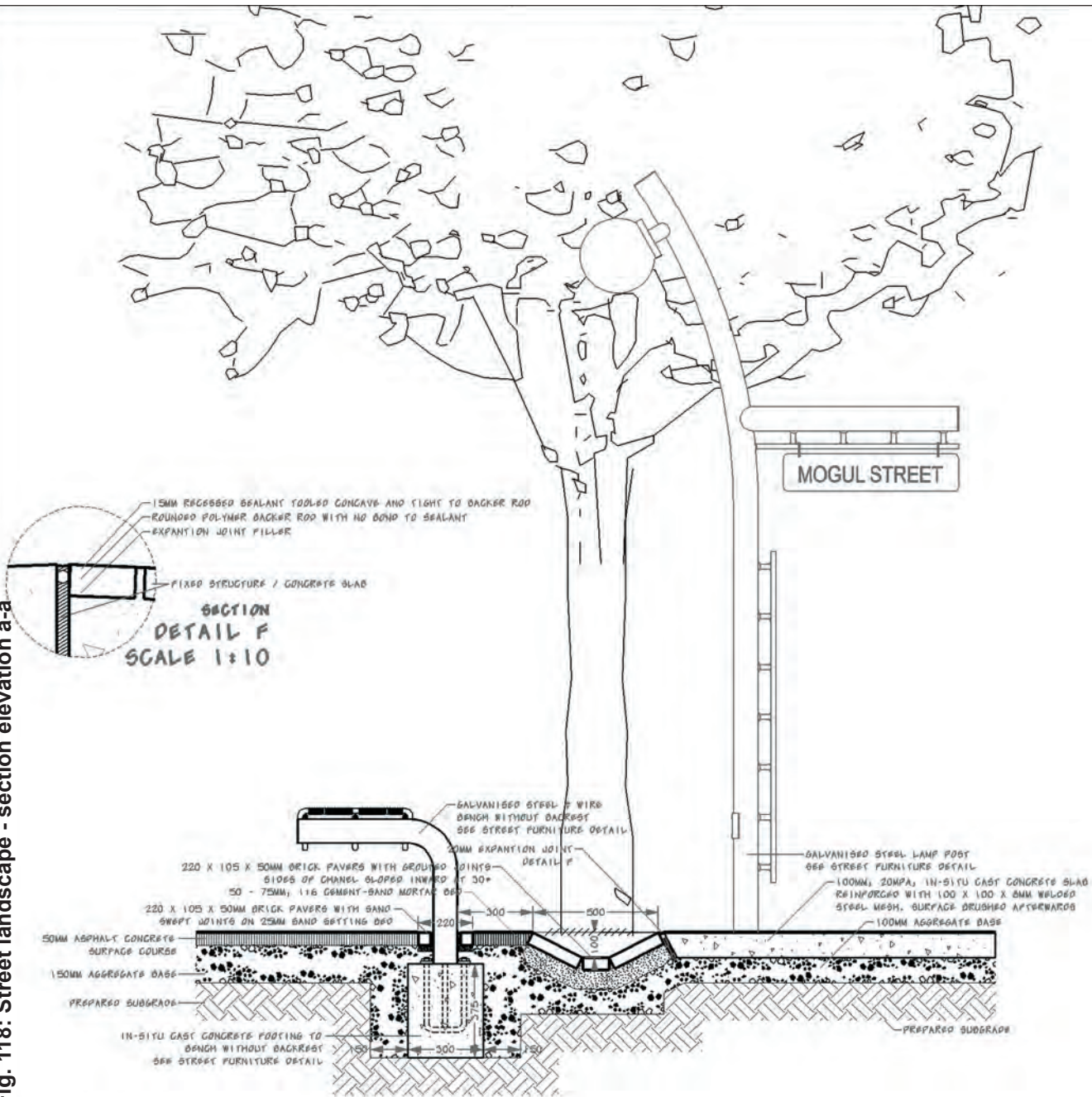


Fig. 118: Street landscape - section elevation a-a



SECTION ELEVATION A-A
BENCH WITHOUT BACKREST IN LANDSCAPE
SCALE 1:25

Fig. 119: Street landscape - section elevation b-b

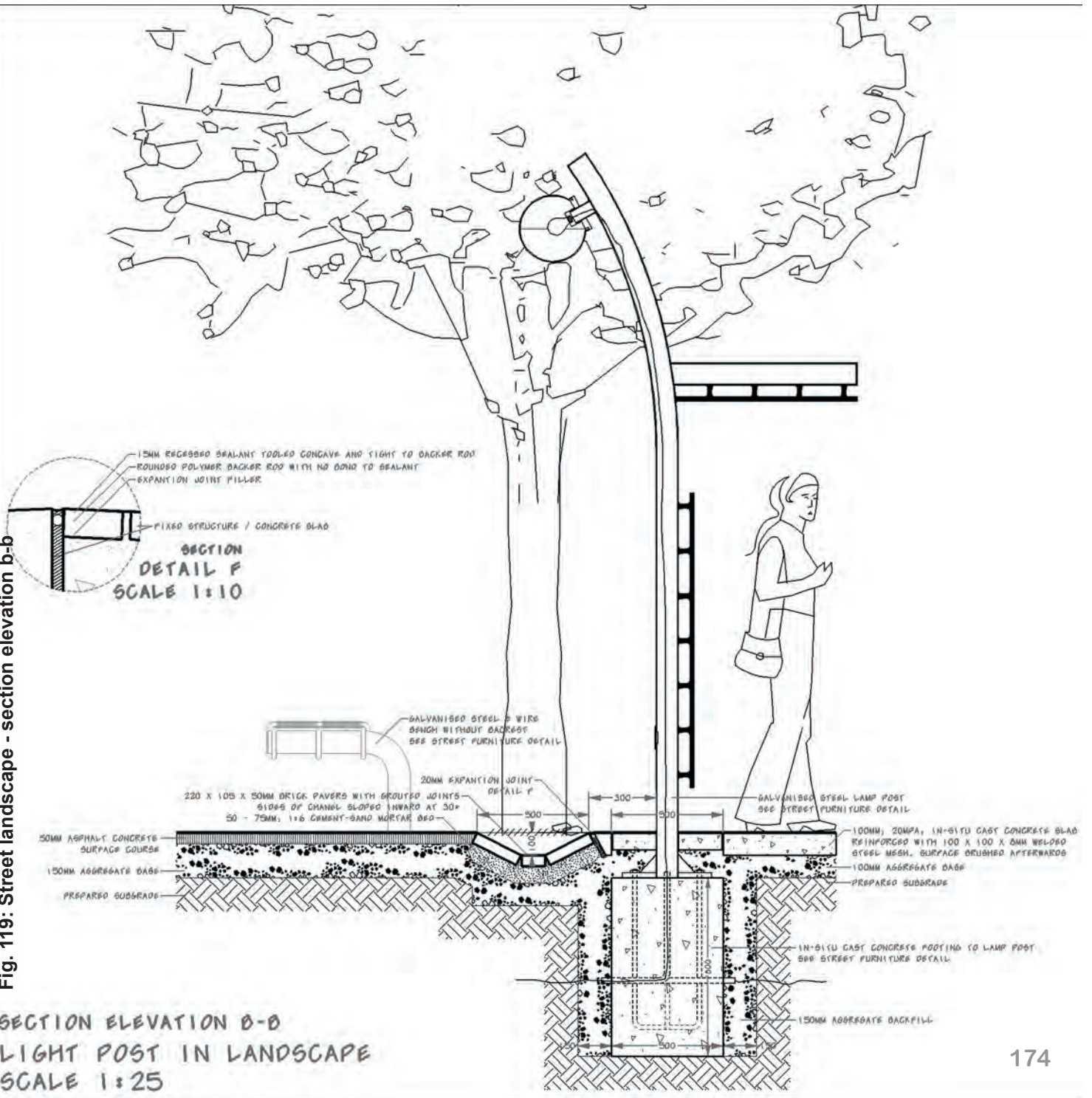
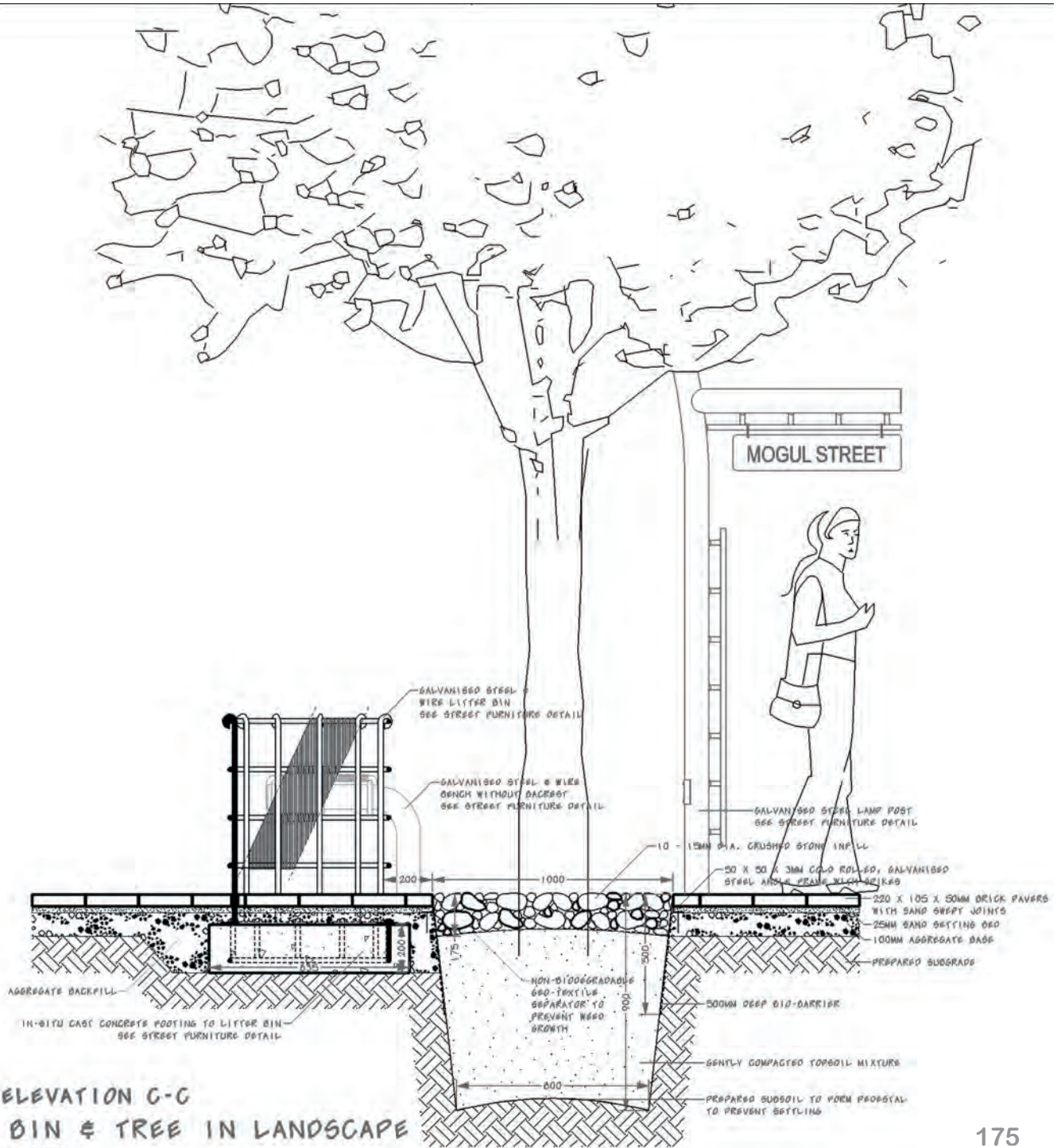


Fig. 120: Street landscape - section elevation c-c



SECTION ELEVATION C-C
LITTER BIN & TREE IN LANDSCAPE
SCALE 1:25

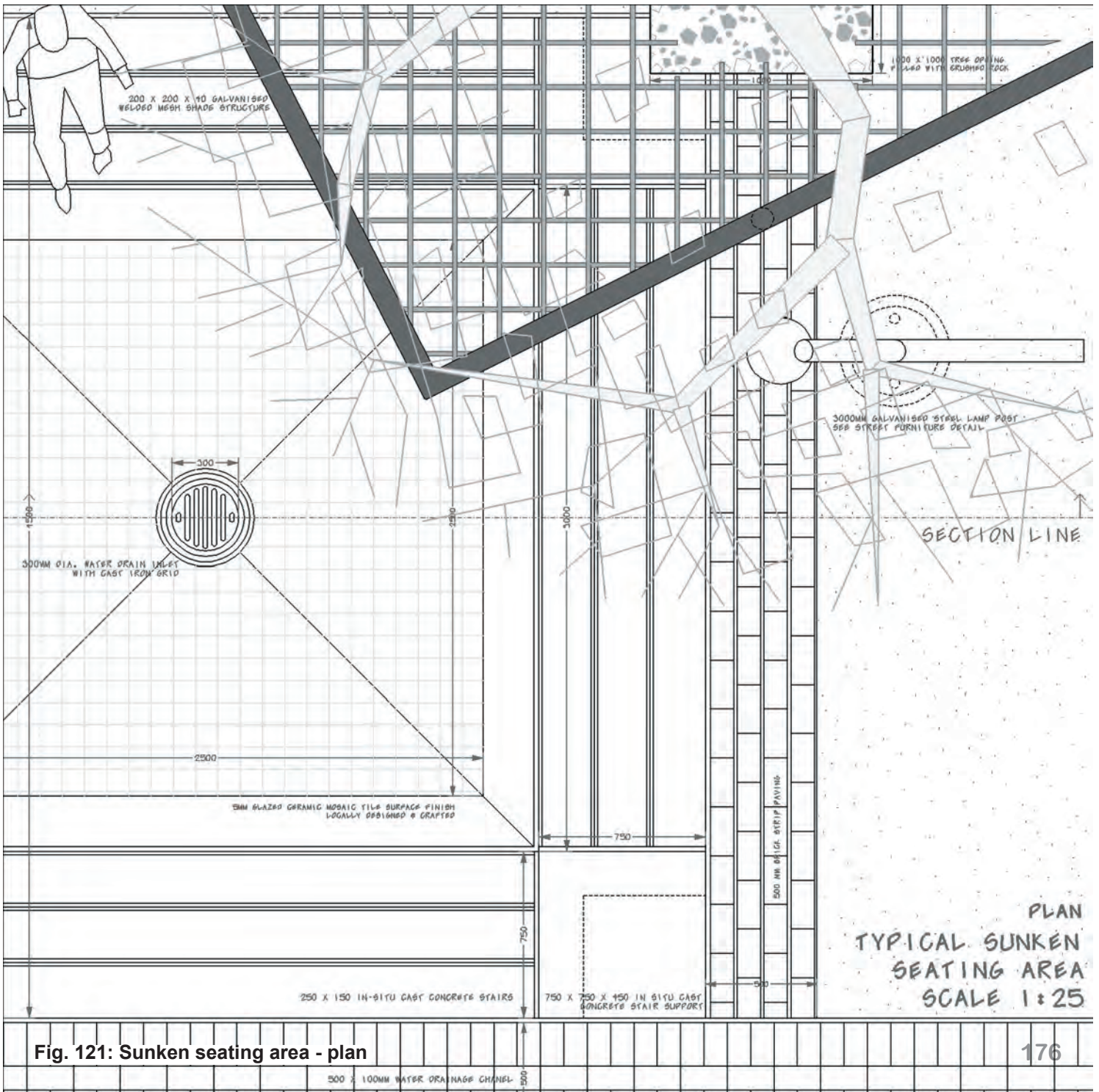


Fig. 121: Sunken seating area - plan

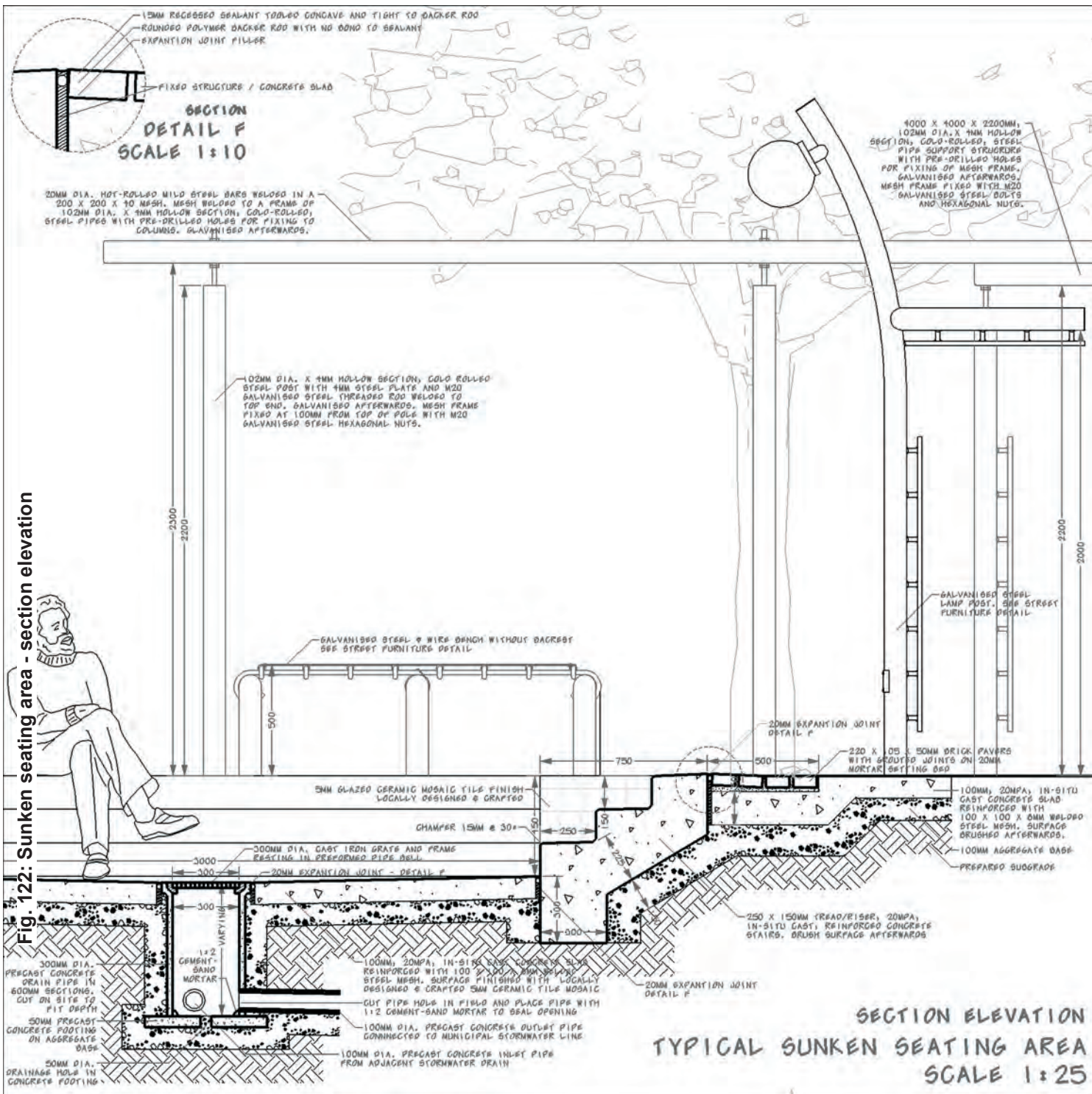


Fig. 122: Sunken seating area - section elevation

PART THIRTEEN

CONCLUSION

The many site visits that were required for this study showed a Marabastad that, amidst all its suffering and neglect, rises up to shape a place that is filled with an excitement for today and anticipation for tomorrow. In hope of having contributed a little to the understanding and upliftment that the community of this area deserves, this study will end with a number of quotations that portray the promise, expectation and trust in the future of Marabstad:

*“Marabastad is a unique but complex precinct. Against all odds and after decades of disadvantage and neglect it managed to survive, retaining much of its almost tangible vibrancy. While solving its many problems, Marabastad should retain its specific identity of an established place where people can live, work and recreate.”*¹²²

*“Marabastad with its rich history, cultural diversity, its tradition of racial co-existence combined with the varied transport facilities and diverse economic activities, has the potential of becoming a model for transformation.”*¹²³

*“...Marabastad is a national asset, with unlimited potential as a tourist attraction and a centre of economic activity.”*¹²⁴

*“It is my hope [to give] a glimpse of the rich history of the area, the complexity of present activities, and future plans for Marabastad.”*¹²⁵

*“Marabastad ... a vibrant multi-cultural centre with a colourful history, dynamic life and exiting prospects for the future.”*¹²⁶

*“Time should not be wasted. Marabastad lies in the heart of Pretoria as an opportunity waiting to be grasped: If implemented, the redevelopment [of] Marabastad has the potential to serve as a model for sustainable urban renewal which finally places human beings at the centre of concerns.”*¹²⁷

¹²² Marabastad: Fountain of Life. 1998. p.32.

¹²³ Dawood. 2001. p.2.

¹²⁴ Zylstra. *op.cit.* p.2.

¹²⁵ Dawood. 1998. p.3.

¹²⁶ Marabastad: Fountain of Life. *op.cit.* p.4.

¹²⁷ Meyer Pienaar Tayob. *op.cit.*



Fig. 123: Marabastad - in charge of paper recycling



Fig. 124: Marabastad - former community leader