

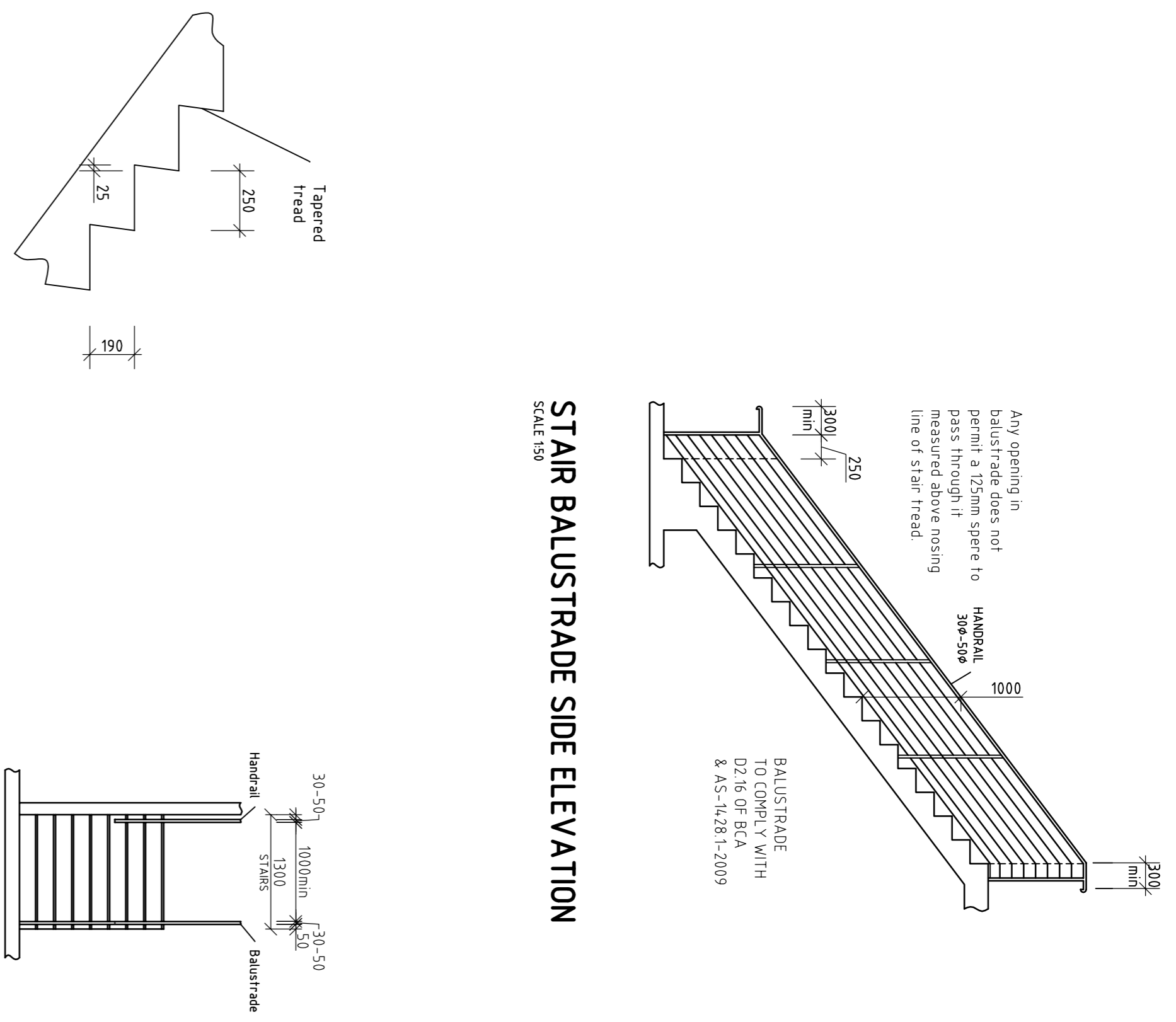
**Stair Construction Notes**  
To Comply with Section 11 of AS 1428.1-2009 & Part D2 of BCA 2013

- Stairs shall have opaque risers.
- Stair nosings shall not project beyond the face of the riser and the riser maybe vertical or have a splay backwards up to a maximum 25mm.
- Stair nosings profiles shall:
  - 1) have a sharp intersection
  - 2) be rounded up to 5mm radius or
  - 3) be chamfered up to 5mm x 5mm
- At the nosing, each tread shall have a strip not less than 10mm wide that projects beyond the nosing. The full width of this strip of tread may be set back a maximum of 5mm from the front of the nosing. The strip shall have a minimum luminance contrast of 30% to the background.
- Tactile ground surface indicators to be installed in accordance with AS 1428.4.1-2009

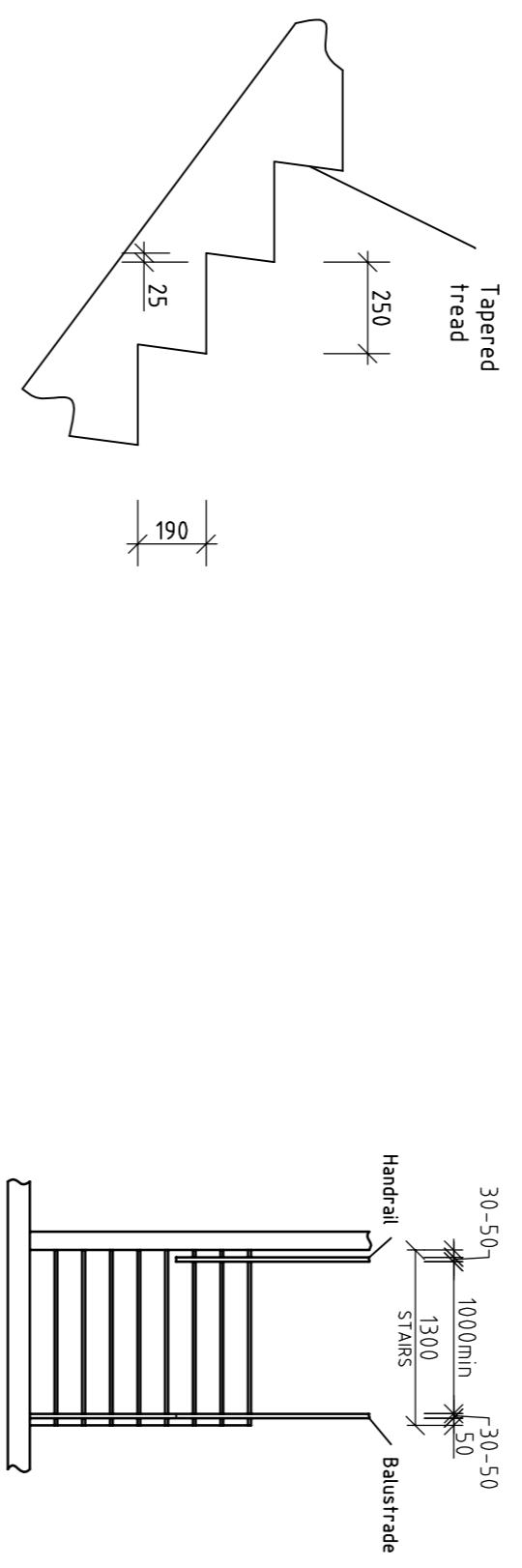
**Stair Handrail Notes**  
To Comply with section 11 of AS 1428.1-2009 & Part D2 of BCA 2013

- Handrails shall be continuous throughout the stairs flight and have no obstruction on or above up to a height of 600mm.
- Handrails to be installed on both sides of the stairs.
- 1000mm space between handrails
- Handrails to have no vertical sections and shall follow the angle of the stairway nosing
- Handrails shall be circular and between 30mm and 50mm in diameter.
- The top of handrails shall be between 865mm and 1000mm above the nosing of stairway tread
- Handrails to be securely fixed and rigid and their ends shall be turned a total of 180° or to the ground or returned fully to end post or wall.
- The clearance between the handrail and an adjacent wall surface shall be not less than 50mm. This clearance shall extend above the top of the handrail by not less than 600mm.
- Handrails to have no obstruction to the passage of a hand along the rail
- The inside handrail at landings shall be continuous.

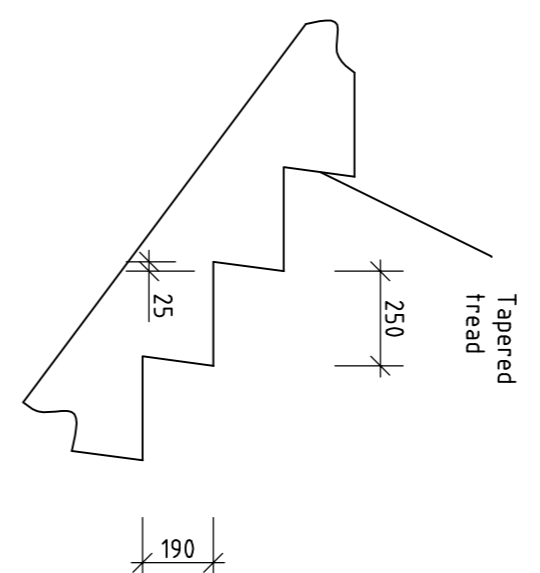
**STAIR BALUSTRADE SIDE ELEVATION**  
SCALE 1/50



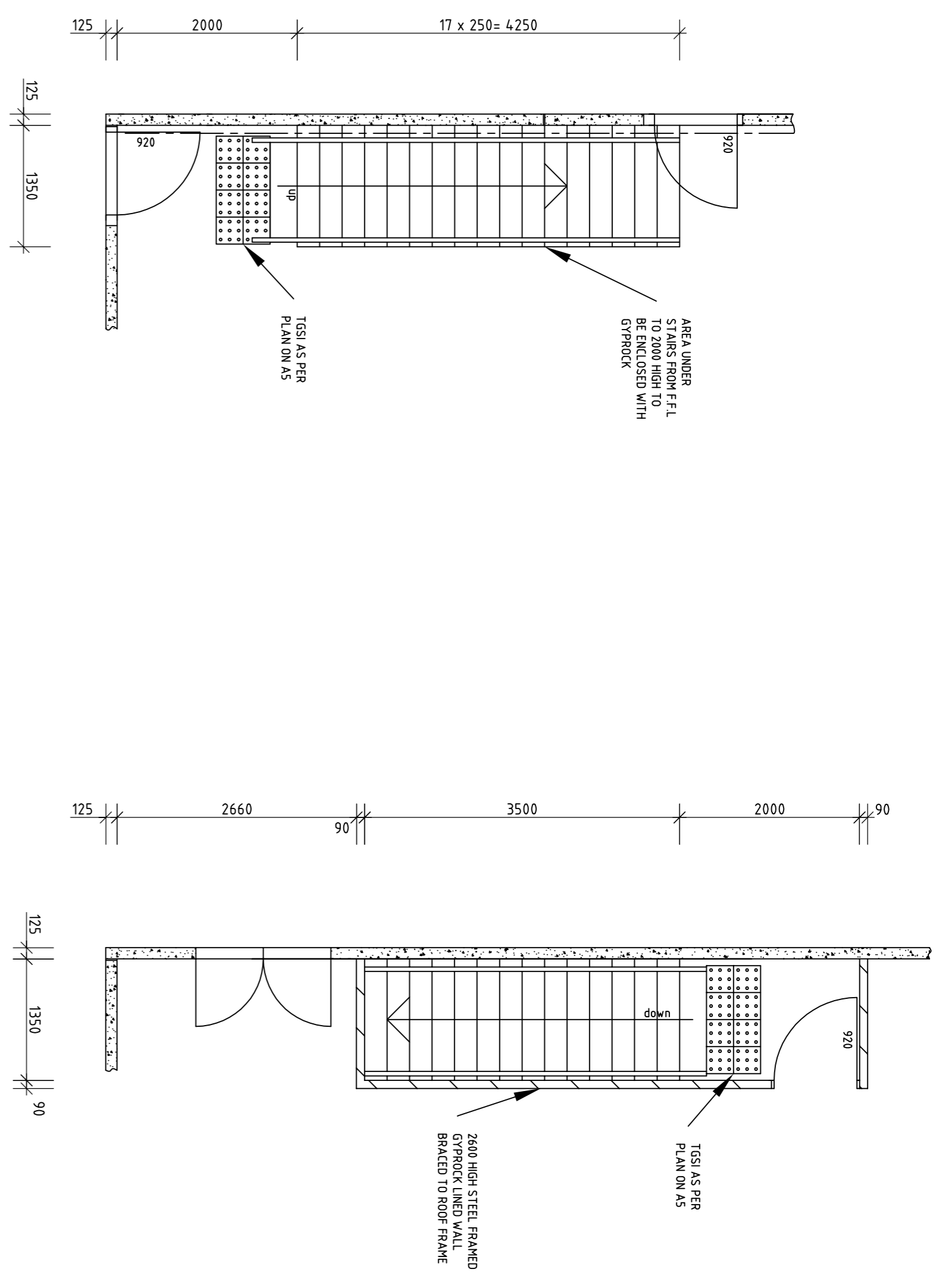
**STAIR BALUSTRADE FRONT ELEVATION**  
SCALE 1/50



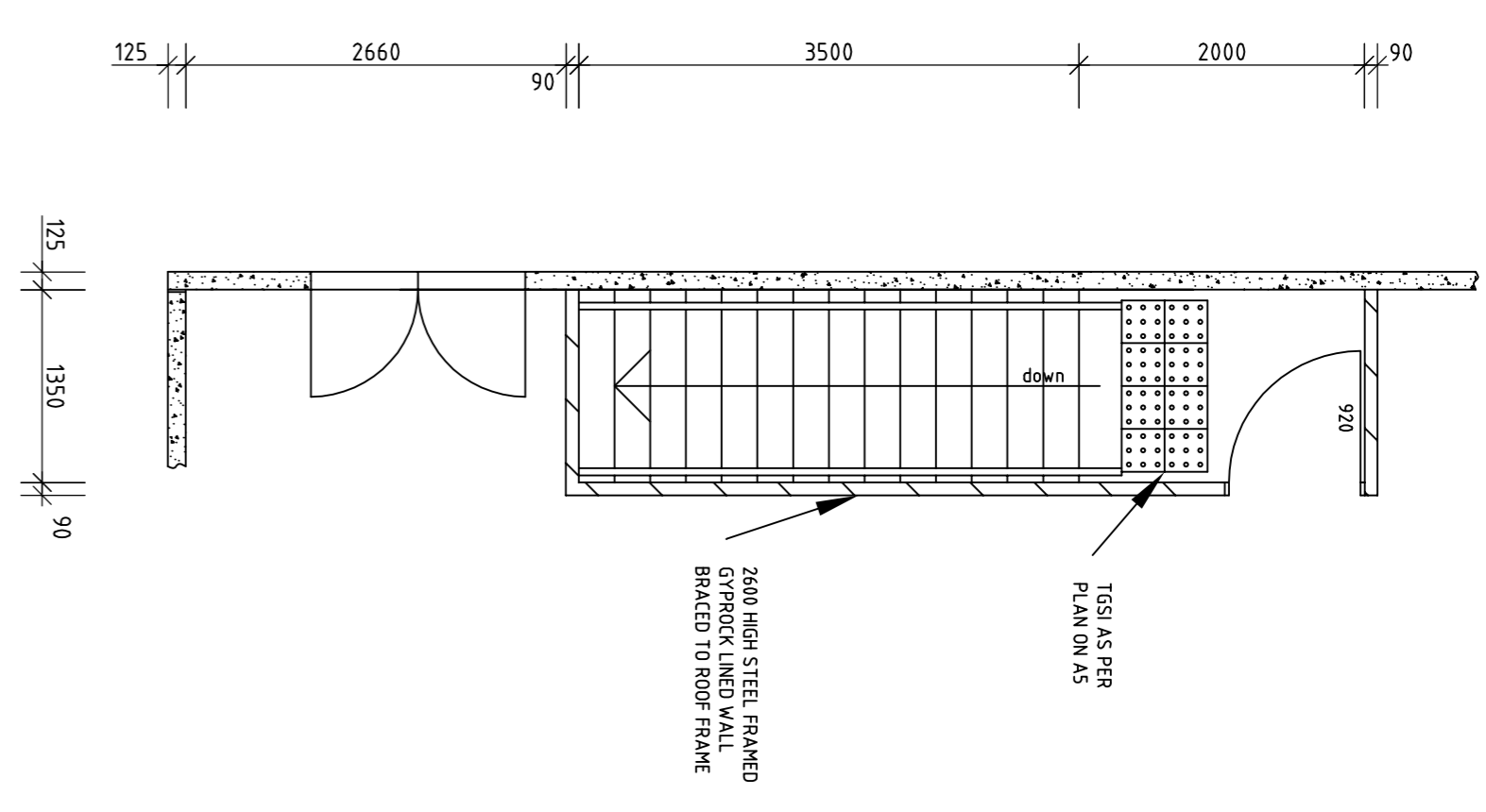
**STEP SIZE DETAIL**  
SCALE 1/20



**GROUND FLOOR STAIR PLAN**  
SCALE 1/50



**FIRST FLOOR STAIR PLAN**  
SCALE 1/50

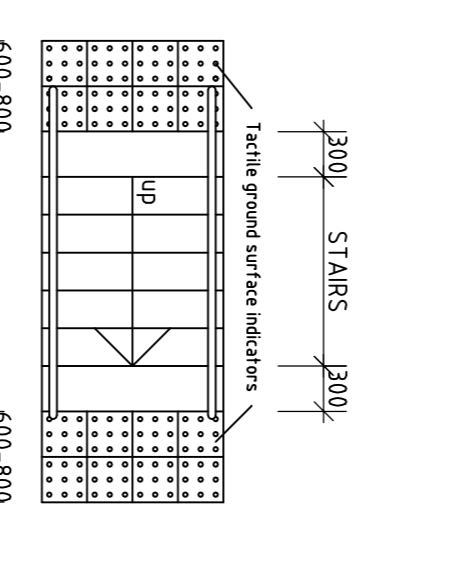


**Ambulant Toilet Notes**  
To Comply with section 16 AS 1428.1-2009 & Part F2 of BCA 2013

- Doors to be provided with an in-use indicator and shall be operable from the outside.
- 1 coat hook to be provided at a height of between 1350mm & 1500mm.
- Grabrails to be between 30mm & 40mm diameter with a clearance of between 50mm & 60mm from any surface.

**Disabled Toilet Notes**  
To Comply with section 15 AS 1428.1-2009 & Part F2.4 of BCA 2013

- Water taps to have lever handles with a clearance of 50mm from adjacent surfaces.
- Hot & cold water to be delivered through 1 spout.
- Toilet seat to be a full round type, with a load rating of 150kg and a luminance contrast of 30% with background.
- Backrest to be provided as per details.
- Flushing control zone as per section 15.2.5 of AS 1428.1-2009.
- Toilet paper dispenser zone as per section 15.2.6 of AS 1428.1-2009.
- Grabrails to be between 30mm & 40mm diameter with a clearance of between 30mm & 60mm from any surface.
- Doors to be provided with an in-use indicator and shall be operable from the outside.



**Tactile Indicator Notes**  
To Comply with AS 1428.4.1-2009 & Part D3.8 of BCA 2013

- Tactile indicators shall be detectable by tactile means.
- Be placed across the full width of the path of travel.
- Shall be slip resistant.
- Have a luminance contrast.
- Have a base surface thickness no more than 3mm.
- Have a top surface thickness of between 4mm & 5mm.
- Set back 300mm +/-10mm from edge of hazard.

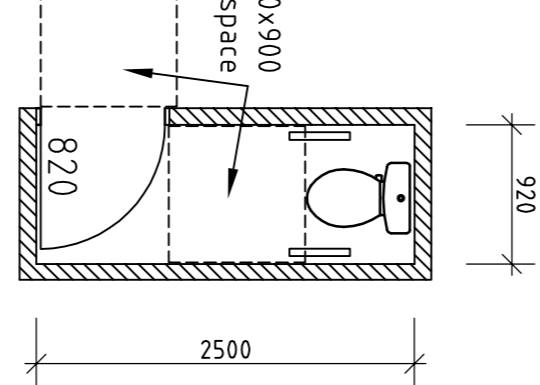
**ISSUED FOR BUILDING APPROVAL**  
23-09-2013



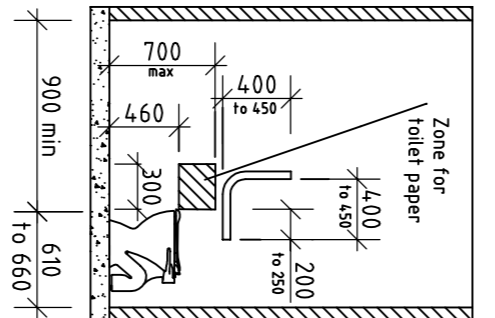
**Disabled Toilet Notes**  
To Comply with section 15 AS 1428.1-2009 & Part F2.4 of BCA 2013

- Water taps to have lever handles with a clearance of 50mm from adjacent surfaces.
- Hot & cold water to be delivered through 1 spout.
- Toilet seat to be a full round type, with a load rating of 150kg and a luminance contrast of 30% with background.
- Backrest to be provided as per details.
- Flushing control zone as per section 15.2.5 of AS 1428.1-2009.
- Toilet paper dispenser zone as per section 15.2.6 of AS 1428.1-2009.
- Grabrails to be between 30mm & 40mm diameter with a clearance of between 30mm & 60mm from any surface.
- Doors to be provided with an in-use indicator and shall be operable from the outside.

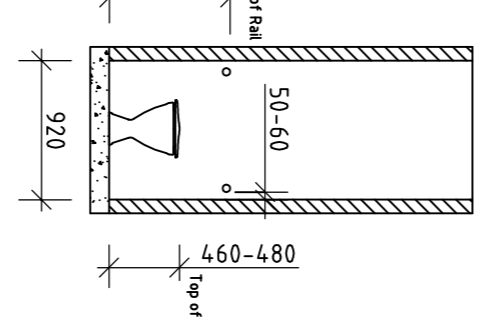
**FLOOR PLAN**  
AMBULANT TOILET  
SCALE 1/50



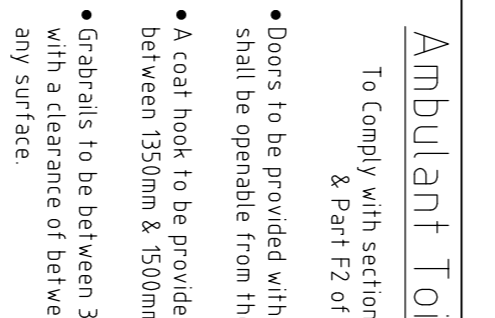
**ELEVATION 1**  
AMBULANT TOILET  
SCALE 1/50



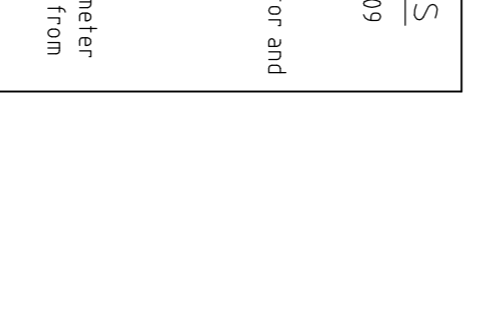
**ELEVATION 2**  
AMBULANT TOILET  
SCALE 1/50



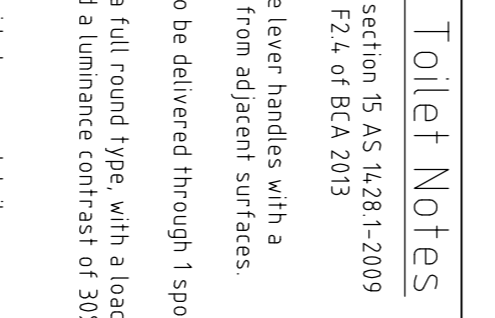
**ELEVATION 3**  
AMBULANT TOILET  
SCALE 1/50



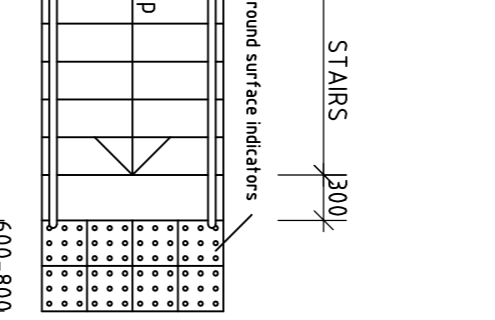
**ELEVATION 4**  
AMBULANT TOILET  
SCALE 1/50



**SIDE ELEVATION**  
DISABLED TOILET BACKREST  
SCALE 1/50



**FRONT ELEVATION**  
DISABLED TOILET BACKREST  
SCALE 1/50



**REVISIONS**

1. Check all dimensions on site and report any discrepancies to the designer.
2. Report any discrepancies between Architectural and Structural drawings to the Design Engineer.
3. All work shall comply with relevant Australian Standards and the Building Code of Australia.
4. Drawings are not to be scaled.

**CONDIPODERO & ASSOCIATES**  
STRUCTURAL ENGINEERS & DESIGNERS  
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165 FLORENCE STREET, CALABURGO, WA 61351

Proposed Office/Warehouse  
Lot 4/1 Beefer Street Welshpool  
Wayne Sharp

DESIGN:	M. Condipodero	DATE:	10/08/2013	DRAWING NO.:	A5
SCALE:	1:50, 1:20				

