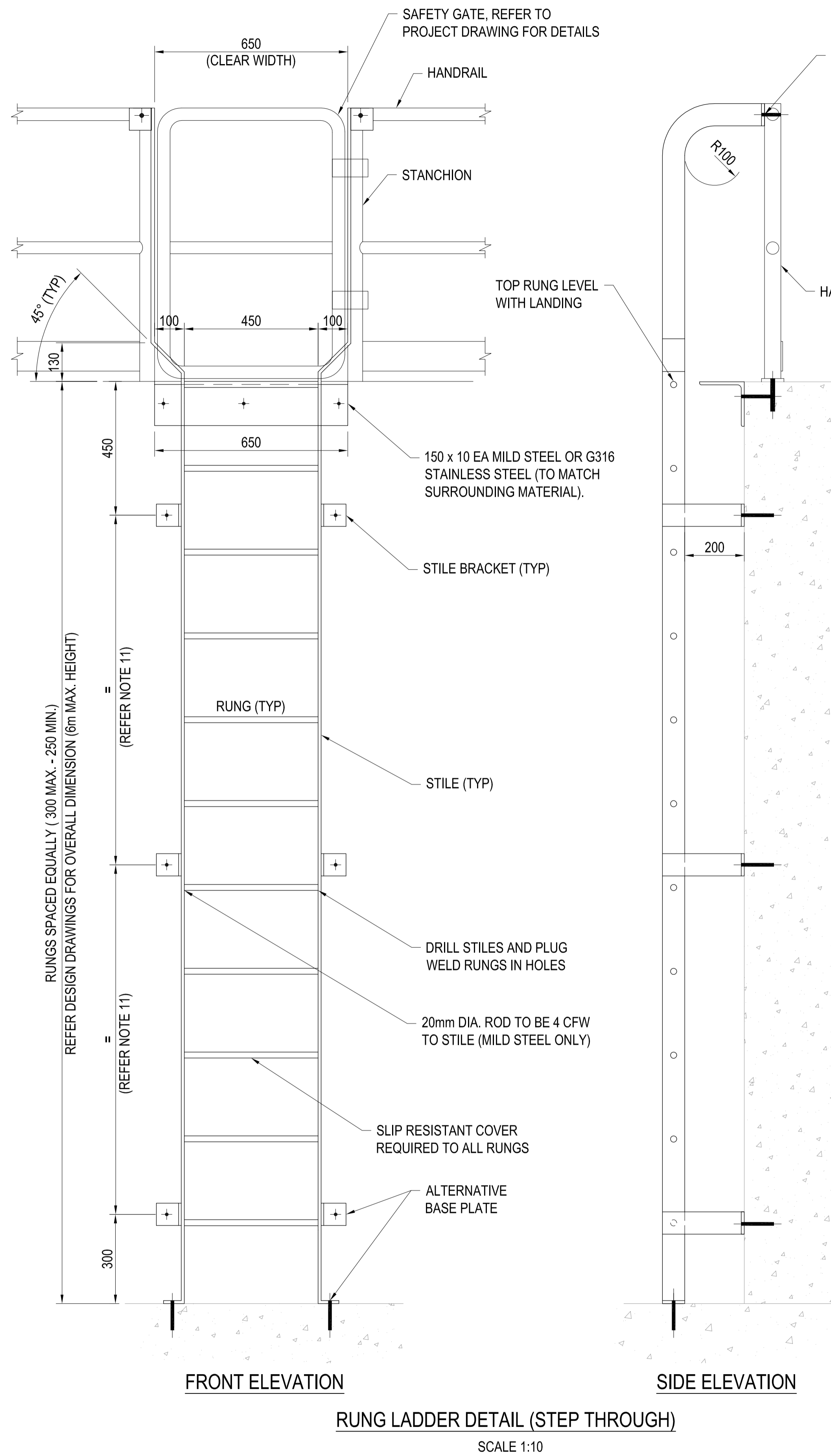
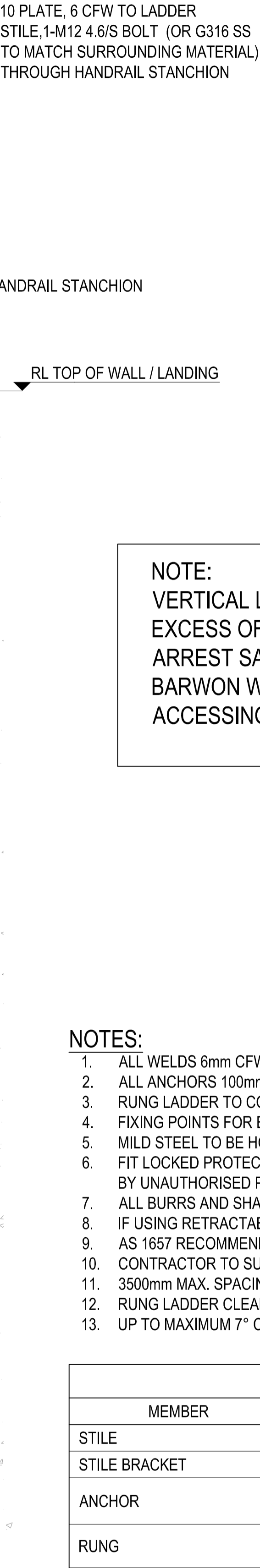


DO NOT SCALE



RUNG LADDER DETAIL (STEP THROUGH)
SCALE 1:10



FRONT ELEVATION

RUNG LADDER DETAIL (STEP THROUGH OPTION)

SCALE 1:10

SIDE ELEVATION

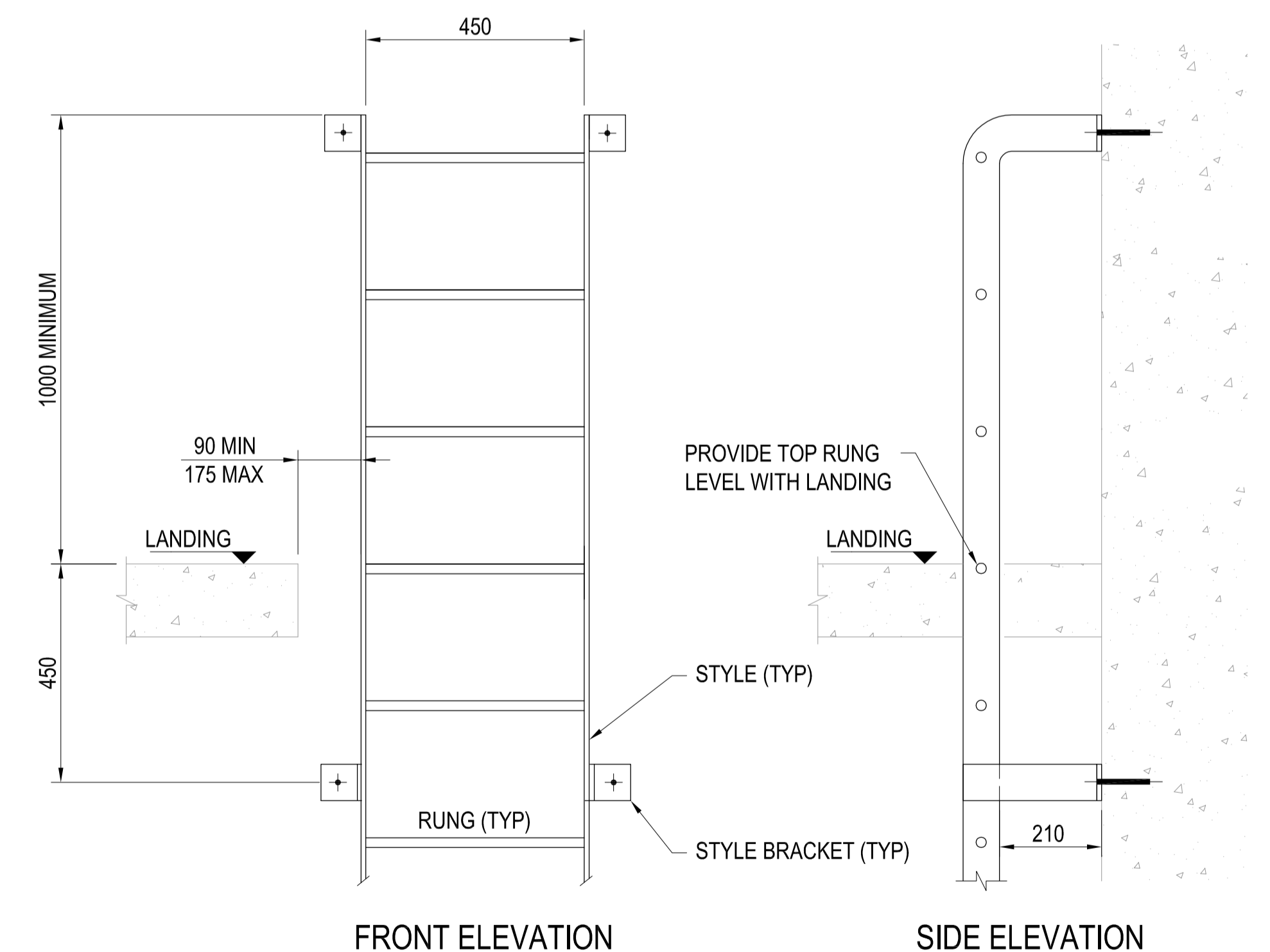
NOTE:
VERTICAL LADDERS AND LADDERS WITH SLOPE IN EXCESS OF 75° ARE NOT WITHIN AS 1657. FALL ARREST SAFETY SYSTEMS THAT ARE APPROVED BY BARWON WATER MUST BE USED BY ALL PERSONNEL ACCESSING THE LADDER.

NOTES:

1. ALL WELDS 6mm CFW, UNLESS NOTED OTHERWISE.
2. ALL ANCHORS 100mm MIN. EMBEDMENT, 65mm MIN. EDGE DISTANCE.
3. RUNG LADDER TO COMPLY WITH AS 1657.
4. FIXING POINTS FOR EACH SPECIFIC SITE TO BE INSPECTED BY A STRUCTURAL ENGINEER.
5. MILD STEEL TO BE HOT DIP GALVANISED (HDG).
6. FIT LOCKED PROTECTIVE DEVICE TO BASE OF LADDERS WHERE REQUIRED TO PREVENT USE BY UNAUTHORISED PERSONNEL. REFER TO PROJECT DRAWINGS FOR DETAILS.
7. ALL BURRS AND SHARP EDGES TO BE REMOVED.
8. IF USING RETRACTABLE / EXTENSION STANCHION DETAILS, REFER TO BW-SD-S022.
9. AS 1657 RECOMMENDS LADDER SLOPES BETWEEN 70° AND 75°.
10. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
11. 3500mm MAX. SPACING OF SUPPORTS FOR FLAT BAR STILES.
12. RUNG LADDER CLEARANCES TO COMPLY WITH AS1657.
13. UP TO MAXIMUM 7° CROSS SLOPE ACROSS BASE OF RUNG LADDER ACCEPTABLE.

| MEMBER | MEMBER SIZES | |
|---------------|--|--|
| | MILD STEEL (HDG) | STAINLESS STEEL (G316) |
| STILE | 75 x 10 FLAT BAR | 75 x 10 FLAT BAR |
| STILE BRACKET | 75 x 10 FLAT BAR | 75 x 10 FLAT BAR |
| ANCHOR | M12 801 SERIES CHEMSETS (HDG) | M12 801 SERIES CHEMSETS (G316 SS) |
| RUNG | DN20 SOLID ROD WITH SLIP RESISTANT COVER | DN20 SOLID ROD WITH SLIP RESISTANT COVER |
| BASE PLATE | 75 x 10 FLAT BAR | 75 x 10 FLAT BAR |

STANDARD DRAWING



FRONT ELEVATION

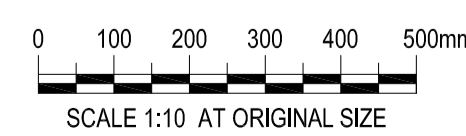
RUNG LADDER DETAIL (SIDE STEP)

SCALE 1:10

SIDE ELEVATION

| REFERENCES | |
|------------|-------|
| DRAWING | TITLE |
| | |

| REVISIONS | | | | | | | |
|-----------|-----------------------------------|-----|----------|-------|---------|----------|----------|
| No. | REVISION DESCRIPTION | OPS | OPS DATE | DRAWN | CHECKED | APPROVED | DATE |
| 0 | ISSUED FOR USE (FROM BWA-SD-S021) | - | - | - | - | PT* | 12.02.15 |



DRG No. BW-SD-S021 DRAWING DISCIPLINE: STRUCTURAL SHEET NO. 1 of 1

BARWON WATER - STANDARD DRAWING
RUNG LADDER ATTACHED TO WALL
STEP THROUGH AND SIDE STEP LADDER

| DRAWN | DESIGNED | APPROVED | SCALES: |
|----------------------------------|---------------------------------|---------------------|--|
| A. PRIMUS AUGUST '12 | S. FOX AUGUST '12 | P. THOMAS* 12.02.15 | PLAN 1:10 SECTION 1:10 HORIZ. 1:10 VERT. Scale for A1 sheet |
| DRAFTING CHECK L.BERON* 25.10.12 | DESIGN CHECK D.WEARNE* 25.10.12 | | |

FILE No. A1