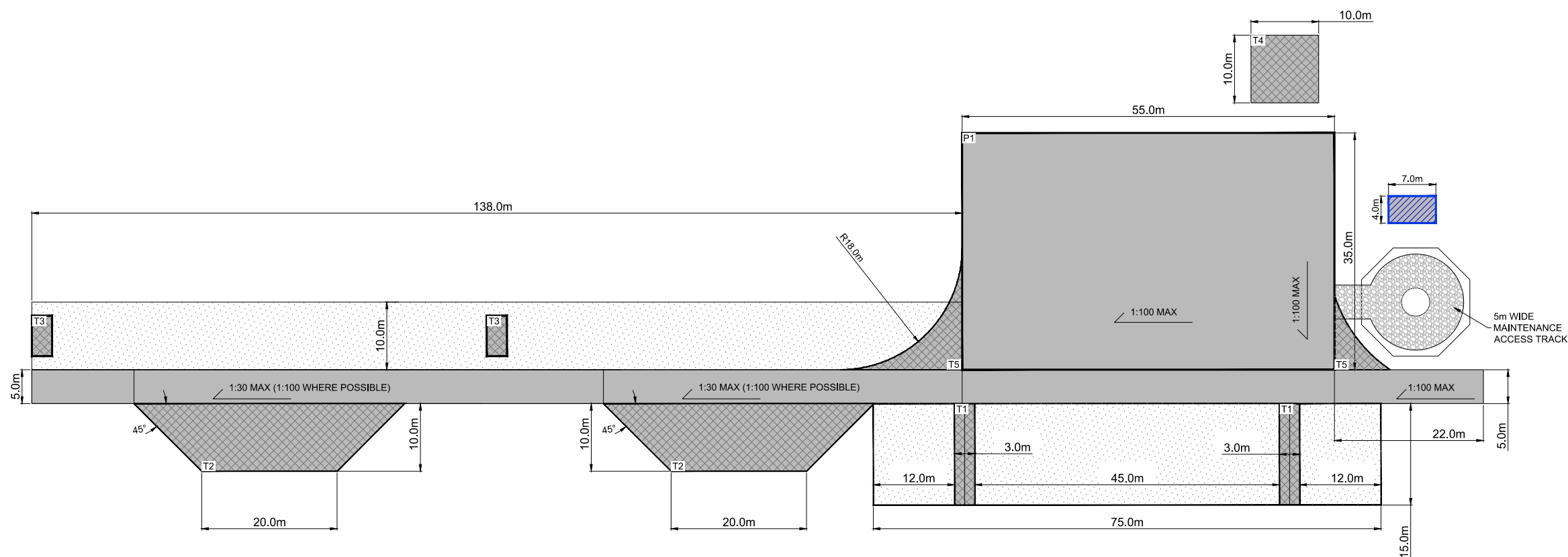


# TORFICHEN WIND FARM

## FIGURE 3.4

### TYPICAL CRANE HARDSTAND

| REF | DESCRIPTION            | AREA (m <sup>2</sup> ) | MAINTENANCE |
|-----|------------------------|------------------------|-------------|
| P1  | MAIN HARDSTANDING      | 1925.0                 | PERMANENT   |
| T1  | BLADE LAYDOWN SUPPORTS | 90.0                   | TEMPORARY   |
| T2  | ASSIST CRANE AREA      | 600.0                  | TEMPORARY   |
| T3  | BOOM SUPPORT           | 36.0                   | TEMPORARY   |
| T4  | ROTOR ASSEMBLY AREA    | 100.0                  | TEMPORARY   |
| T5  | TEMPORARY ACCESS       | 104.0                  | TEMPORARY   |



#### KEY

- PERMANENT WORKS
- TEMPORARY WORKS
- EXTERNAL TRANSFORMER AND SWITCHGEAR ENCLOSURE
- AREA TO BE FREE FROM TOPOGRAPHICAL AND ECOLOGICAL CONSTRAINTS
- MAINTENANCE ACCESS TRACK

#### NOTES

1. ALL DIMENSIONS IN METRES.
2. HARDSTAND ARRANGEMENT SUBJECT TO CHANGE DEPENDANT ON SPECIFIC WIND TURBINE MODEL SELECTED FOR CONSTRUCTION.
3. ALL HARDSTANDS TO BE CONSTRUCTED ON SUITABLE FOUNDATION MATERIAL.
4. ALL HARDSTANDS TO BE FINISHED WITH CRUSHED ROCK, FORMING A FREE DRAINING SURFACE.
5. TRACK ADJACENT TO CRANE HARDSTAND TO BE DESIGNED TO ACCEPT CRANE OUTRIGGER LOADING.
6. THE PRELIMINARY CRANE HARDSTAND LAYOUT HAS BEEN DEVELOPED TO ACCOMMODATE EITHER A SINGLE BLADE LIFT OR FULL ROTOR LIFT.
7. TO PROTECT AGAINST INJURY, SUITABLE EDGE PROTECTION IS REQUIRED WHERE THERE IS A DIFFERENCE OF GREATER THAN 1M BETWEEN THE HARDSTAND SURFACE AND THE ADJACENT GROUND.

|            |     |              |     |
|------------|-----|--------------|-----|
| LAYOUT DWG | N/A | T-LAYOUT NO. | N/A |
|------------|-----|--------------|-----|

|                |                         |     |   |
|----------------|-------------------------|-----|---|
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|----------------|-------------------------|-----|---|

SCALE - 1:750 @ A3

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