

DRAWING ISSUED FOR INFORMATION:

**FINAL DETAILS AS PER
CONTRACTORS DESIGN**

NOTE :
BRICKWORK TO BE TIED TO CONCRETE PERIMETER BEAMS AT ROOF LEVEL
USING HOOP IRON OR POSI TIES.

ADDITIONAL NOTES

ALL DEVIATIONS FROM ENGINEER'S DRAWING TO BE CONFIRMED BY
ENGINEER PRIOR TO CONSTRUCTION

ALL DRAINAGE AND WATERPROOFING TO ARCHITECT'S DETAIL

FOUNDATIONS NOT TO ENCROACH OVER BOUNDARY

General

This drawing to be read in conjunction with all relevant Architects and Engineer drawings.

NOTE A

An accredited Soils Testing firm is to be appointed to undertake a Geotechnical Investigation at positions on and/or near the proposed construction area. The appointed firm will prepare a Geotechnical Report which will reflect estimated allowable bearing capacity data for corresponding depths below ground for each testing location.

The determination regarding the use of Deep/Shallow foundations follows from the outcomes of the Geotechnical Investigation in accordance with the recommendations provided in the Geotechnical Report.

The Geotechnical Report shall be reviewed and accepted by the project structural engineer prior to commencement of any excavation works.

FOR INFORMATION

00	ISSUED FOR INFORMATION	2026-01-15
No.	DESCRIPTION / REVISIONS	DATE



PROJECT / AREA / ASSET / SUBJECT

PORT OF DURBAN

**DIESEL STORAGE TANK FOR TUG
JETTY**

DRAWING TITLE

**CONCRETE PLINTH FOR DIESEL
STORAGE TANK**

DATE	2026-01-15	DISCIPLINE LEAD: P. MAHARAJ	PR. REGISTRATION DATE
SCALE	AS SHOWN	 SIGNATURE	15 - JAN - 2026
DESIGNED BY	PM	CHECKED BY: P. MAZIBURO 	PR. REGISTRATION 202302624
CHECKED BY	PIM	 SIGNATURE	15-JAN-2026 DATE
DRAWN BY	PM	DRAWN BY: P. MAHARAJ 	15 - JAN - 2026 DATE
CHECKED BY	PIM	 SIGNATURE	DATE

PAPER SIZE	PROJ. NO.	FBS	DIS TYPE	SHEET	REV.
A0	XDN.E.0053-1-100-S-LA-0001-01_00				
CONSULTANT / CONTRACTOR DRW. NO.					

REF MESH 888 (TOP & BOTTOM)

66Y12-P1-sq/m

400 THICK CONCRETE PLINTH (30 MPa)

ASPHALT PAVING

LAYERWORKS TO EXTEND A MINIMUM OF 150mm BEYOND EDGE OF PLINTH

SEE NOTE A

SECTION A - A
DIESEL TANK PLINTH DETAIL
1:25

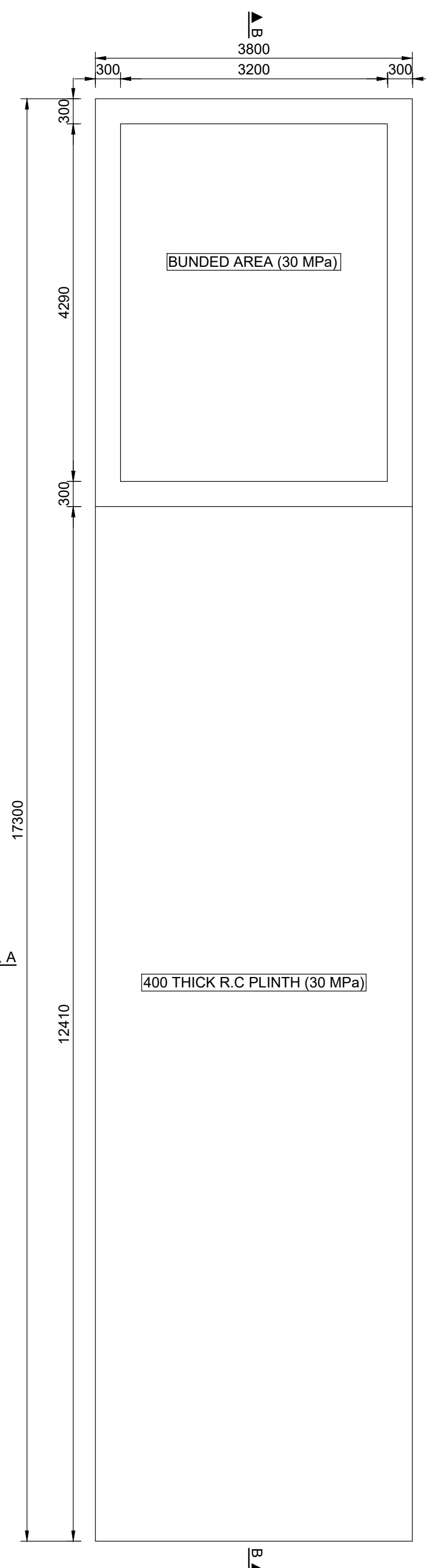


Diagram illustrating the cross-section of a concrete slab on grade, showing the following layers and materials:

- FINISHED CONCRETE LEVEL (30 MPa)
- 400mm DEEP CONCRETE PLINTH (30 MPa)
- 150mm G2 GRADED CRUSHED STONE COMPACTED TO 98% BULK DENSITY
- 150mm G5 NATURAL GRAVEL COMPACTED TO 98% Mod AASHTO DENSITY
- 150mm CONCRETE IMPACT SUBGRADE TO 93% Mod AASHTO TO ACHIEVE A CBR $\geq$ 7%

SEE NOTE A

LAYERWORKS FOR CONCRETE PLINTH
SCALE 1 : 10

REF MESH 888 (TOP & BOTTOM)

66Y12-P1-sq/m

300

300

150

400 THICK CONCRETE PLINTH (30 MPa)

ASPHALT PAVING

LAYERWORKS TO EXTEND A MINIMUM OF 150mm BEYOND EDGE OF PLINTH (SEE NOTE A)

SECTION B - B
DIESEL TANK PLINTH DETAIL
1:25