



PLAN VIEW

NOTES:

1. CONCRETE TO BE 32MPa MINIMUM.
2. MINIMUM CLEAR COVER TO BE 75mm.
3. HD BAR DENOTES GRADE 500E TO AS/NZS 4671. R BAR DENOTES 300E TO AS/NZS 4671.
4. ASSUMED MATERIAL-INTERNAL ANGLE OF FRICTION

$\phi = 30^\circ$   
 $\gamma = 19\text{kN/m}^3$   
 $C_u = 50\text{kPa}$

REINFORCING STEEL

	BAR LOCATION	DIAMETER	GRADE	No. OF BARS	STRAIGHT LENGTH	RETURNS/PITCH	TOTAL LENGTH	WEIGHT
1	TOP PAD ACROSS	16	500E	5	500	600	5.5	8.63kg
1	BOTTOM PAD ACROSS	16	500E	2	500	600	2.2	3.45kg
2	TOP PAD LONG	16	500E	5	600	600	6	9.41kg
2	BOTTOM PAD LONG	16	500E	5	600	600	6	9.41kg
3	PIER	16	500E	6	2600	250	17.1	26.82kg
4	SPIRAL	10	500E	1	15352	300	15.4	9.41kg
								67.1kg

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	04/01/12	INITIAL ISSUE	DJB	TC	TC

DRAWING NUMBER	REFERENCE DRAWINGS
WR-STD-47	PIER FOOTING IN ROCK (2005)
WR-STD-48	PIER FOOTING IN MEDIUM CLAY (2005)
WR-STD-49	PIER FOOTING IN DENSE SAND & GRAVEL (2005)

  
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PROJECT <b>FLEXFENCE          WIRE ROPE SAFETY BARRIER</b>	INGAL CIVIL PRODUCTS REFERENCE No.
TITLE <b>PIER (TYPE 4) ANCHOR BLOCK</b>	DRAWING No. <b>WR-STD-82</b>