



PLAN VIEW

2700 BORED PIER LENGTH

SECTION

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	8.53kg
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	67.1kg

- 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 $\phi = 30^\circ$
 $\gamma = 19kN/m^3$
 $C_u = 50kPa$
 or/

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

REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

REFERENCES	DRAWING NUMBER	REFERENCE DRAWINGS
WR-STD-4.7	WR-STD-4.7	PIER FOOTING IN ROCK (2005)
WR-STD-4.8	WR-STD-4.8	PIER FOOTING IN MEDIUM CLAY (2005)
WR-STD-4.9	WR-STD-4.9	PIER FOOTING IN DENSE SAND & GRAVEL (2005)

NAME	DATE	SCALE	SIZE
AUSTEC	04/01/2012	APPROVED	A1
TC	04/01/2012	CHECKED	
TC			

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

INGAL CIVIL PRODUCTS	REFERENCE No.
INGAL CIVIL PRODUCTS 5175 ANDES ROAD AUSTRALIA 3566 PH: +61 2 9827 3333 FAX: +61 2 9827 3300 www.ingalcivil.com.au	