

SHEET
1 of 2

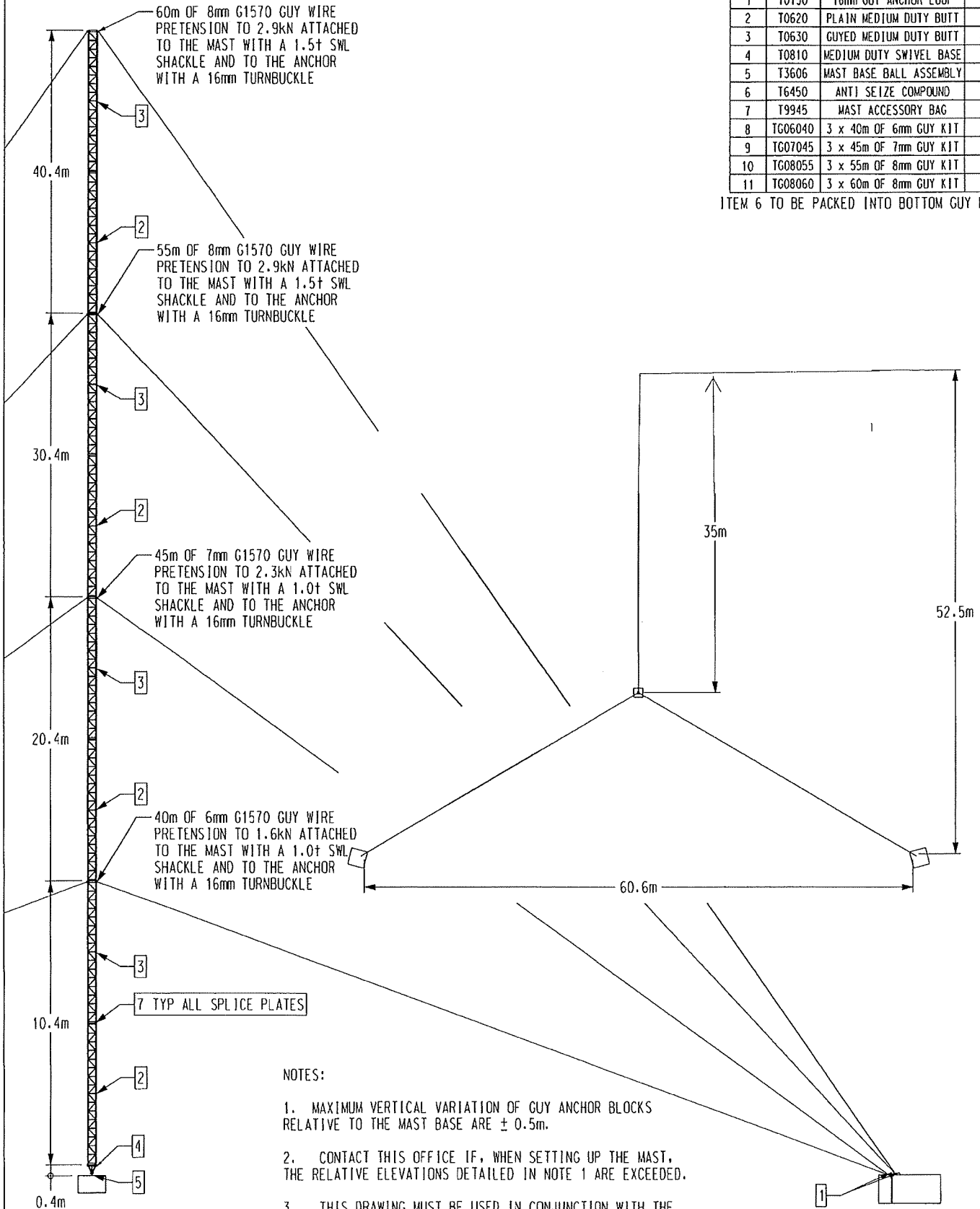
MAST DESIGN TO SUIT TERRAIN CATEGORY 1,
BASIC ULTIMATE WINDSPEED (Vu) 50m/sec,
TOPOGRAPHICAL MULTIPLIER (Mt) 1



TBA

REF	PART NO	DESCRIPTION	QTY
1	T0150	16mm GUY ANCHOR LOOP	6
2	T0620	PLAIN MEDIUM DUTY BUTT	4
3	T0630	GUYED MEDIUM DUTY BUTT	4
4	T0810	MEDIUM DUTY SWIVEL BASE	1
5	T3606	MAST BASE BALL ASSEMBLY	1
6	T6450	ANTI SEIZE COMPOUND	1
7	T9945	MAST ACCESSORY BAG	8
8	TG06040	3 x 40m OF 6mm GUY KIT	1
9	TG07045	3 x 45m OF 7mm GUY KIT	1
10	TG08055	3 x 55m OF 8mm GUY KIT	1
11	TG08060	3 x 60m OF 8mm GUY KIT	1

ITEM 6 TO BE PACKED INTO BOTTOM GUY KIT



NOTES:

1. MAXIMUM VERTICAL VARIATION OF GUY ANCHOR BLOCKS
RELATIVE TO THE MAST BASE ARE $\pm 0.5m$.
2. CONTACT THIS OFFICE IF, WHEN SETTING UP THE MAST,
THE RELATIVE ELEVATIONS DETAILED IN NOTE 1 ARE EXCEEDED.
3. THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE
MAST/TOWER LOADING VERIFICATION AND SUMMARY NUMBER XXXXXX.

REV	DATE	ECR	REVISION DETAILS	DRAWN	CHECKED MPC	DWG	APPR
0	13.07		DRAWN	B.W.			

Flight Bros. Pty Ltd.
MANUFACTURERS SINCE 1916

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South Australia 5049

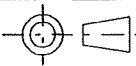
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DO NOT SCALE DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED	
NO DECIMAL	$\pm 10mm$
ONE DECIMAL	± 2
TWO DECIMALS	± 1
BOLE DIAMETER	± 1
ANGLES	± 1
NAME	40m MEDIUM MAST FOR INFORMATION

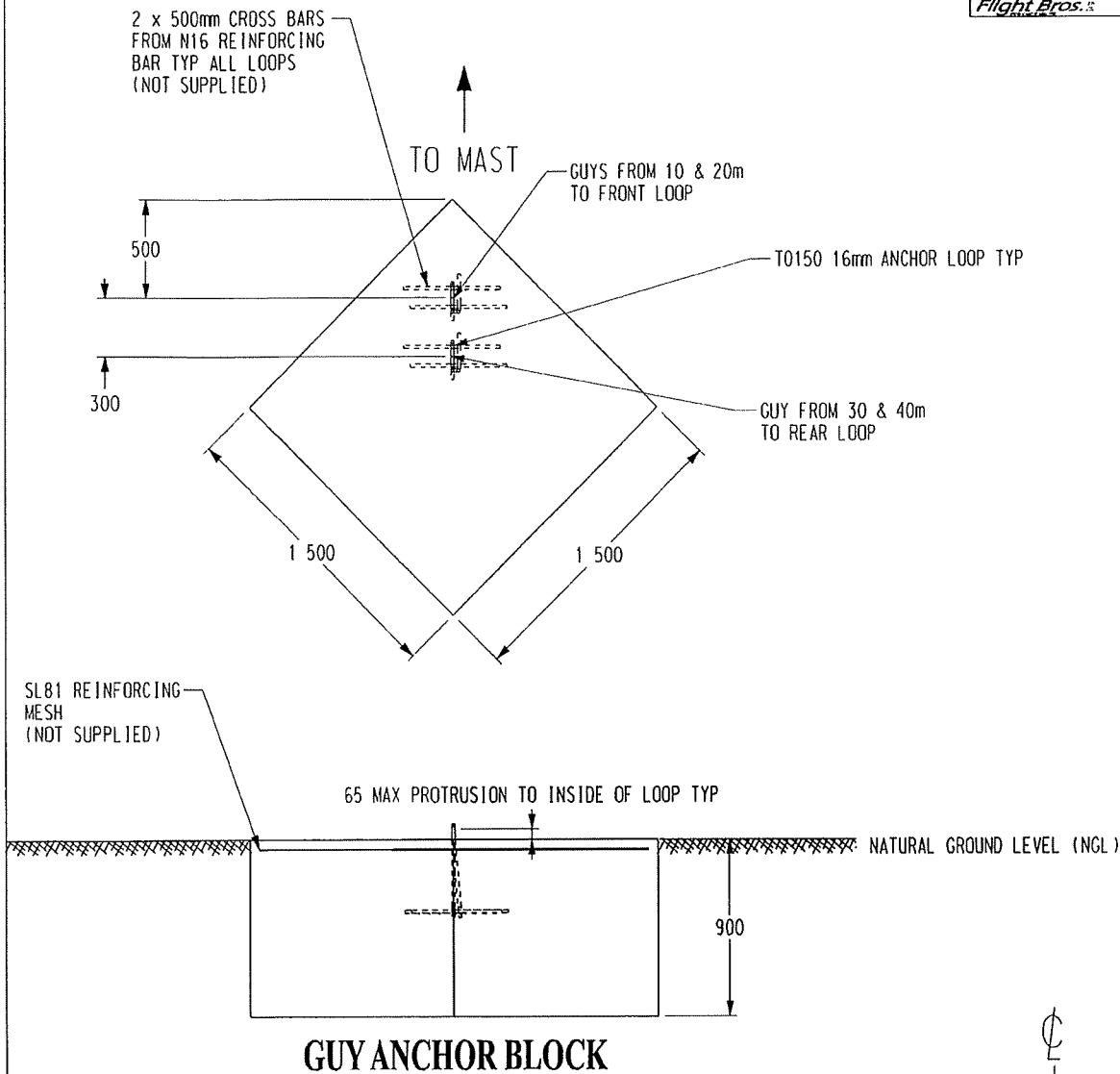
MATERIAL	
FINISH	AS4680 HOT DIP GALVANISE
PART NUMBER	TBA



SHEET
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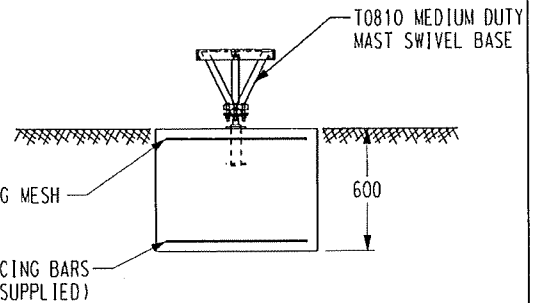
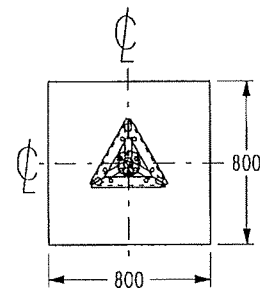
TBA



GUY ANCHOR BLOCK

NOTES:

1. THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE MAST/TOWER LOADING VERIFICATION AND SUMMARY NUMBER XXXXXXXX.
2. MAST BASE FOUNDED AT LEAST 600mm INTO SOIL THAT MEETS OR EXCEEDS DESIGN PARAMETERS
3. ANCHOR BLOCKS FOUNDED AT LEAST 900mm INTO SOIL THAT MEETS OR EXCEEDS DESIGN PARAMETERS.
4. SOIL DESIGN PARAMETERS:
 ALLOWABLE BEARING PRESSURE 300 kPa
 BULK UNIT WEIGHT 20 kN/m³
 ANGLE OF INTERNAL FRICTION 33°
5. SOIL DESIGN PARAMETERS MUST BE CONFIRMED BY A GEOTECHNICAL ENGINEER PRIOR TO COMMENCEMENT OF ANY FOOTING RELATED WORK.
6. ALL CONCRETE TO BE 25MPa MINIMUM.
7. ENSURE POSITIVE DRAINAGE AWAY FROM ALL STEELWORK AND OF THE SURFACE WATER AWAY FROM FOOTINGS.
8. MINIMUM CONCRETE COVERAGE TO ANY REINFORCEMENT 50mm.



MAST BASE BLOCK

REV	DATE	ECR	REVISION DETAILS	DRAWN	CHECKED M/C	DWG	APPR	Flight Bros. PTY LTD. MANUFACTURERS SINCE 1915	DO NOT SCALE DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED	MATERIAL	
0	3.8.07		DRAWN	B.W.				3 Witterley Avenue PO BOX 352 EDWARDSTOWN South Australia 5049	Phone: (84) 8276 3644 Fax: (84) 8277 0164 International Code (+618) Email: tech@flightbros.com.au	NO DECIMAL = ± 10mm ONE DECIMAL = ± 5mm TWO DECIMALS = ± 2mm HOLE DIAMETER = +0.2 ANGLES = ± 0.5	FINISH
								www.flightbros.com.au	NAME FOUNDATIONS 40m MAST FOR INFORMATION	PART NUMBER TBA	