

BACK

# A 12 METER TILT OVER TOWER

MADE FROM A SALVAGED BOAT WINCH, SCRAP 1 1/4" & 2" WATER PIPE. ALL  
ATTACHED TO "J" BOLTS  
IN A 500mm by 500mm by 850mm PIECE OF CONCRETE.





LOCKING PIN FOR LOCKING THE BOTTOM SECTION IN AT 12 METERS.





TOP PULLEY AND GARDEN HOSE.



TOP PULLEY



TOP PULLEY AND MIDDLE GUY WIRE POINTS



THE CONCRETE PAD. ABOUT 350mm SHOWN, BUT IT'S 500mm X 500mm SQUARE AND 850mm DEEP.



**BOTTOM PULLEYS AND "THE BOLT". IN, TOWER TELESCOPES. OUT, TOWER TILTS OVER.**





WINCH, PULLEYS AND BASE.



OLD BOAT WINCH



TOP PULLEY, OUTSIDE SECTION AND INSIDE SECTION. ALSO, MIDDLE AND TOP GUY WIRE POINTS.



**THE BEARING IN THE END OF THE TOP SECTION IS FOR A POSSIBLE WIND  
GENERATOR PROJECT.  
(not yet started)**



**INSIDE AND OUTSIDE SECTIONS, TOP PULLEY AND THE WIRE ROPE. THE WIRE ROPE IS IN BETWEEN THE OUTSIDE AND INSIDE SECTIONS AND ATTACHES TO THE BOTTOM OF THE INSIDE SECTION.... SO IT CAN TELESCOPE UP.**





PIVOT POINT FOR TILTING OVER THIS SMALL TOWER.



THE "T" HANDLE TO PIN THE INSIDE SECTION SO IT WILL NOT SLIDE OUT WHEN TILTING THE TOWER OVER.





**THE TOWER IN PLACE.**

(Those not security shutters on the windows, there Cyclone (hurricane) shutters. Lol.)



THE TOWER IN ACTION. ONLY EXTENDED ABOUT 2 METERS OUT OF THE TOP WHICH IS AT A HEIGHT OF 8.5 METERS. THE TOWER CAN BE GUYED IN FOUR DIRECTIONS AT 6 METERS AND AT THE TOP.

ANTENNAS:

20 METER DIPOLE (not in the picture)

**BACK**