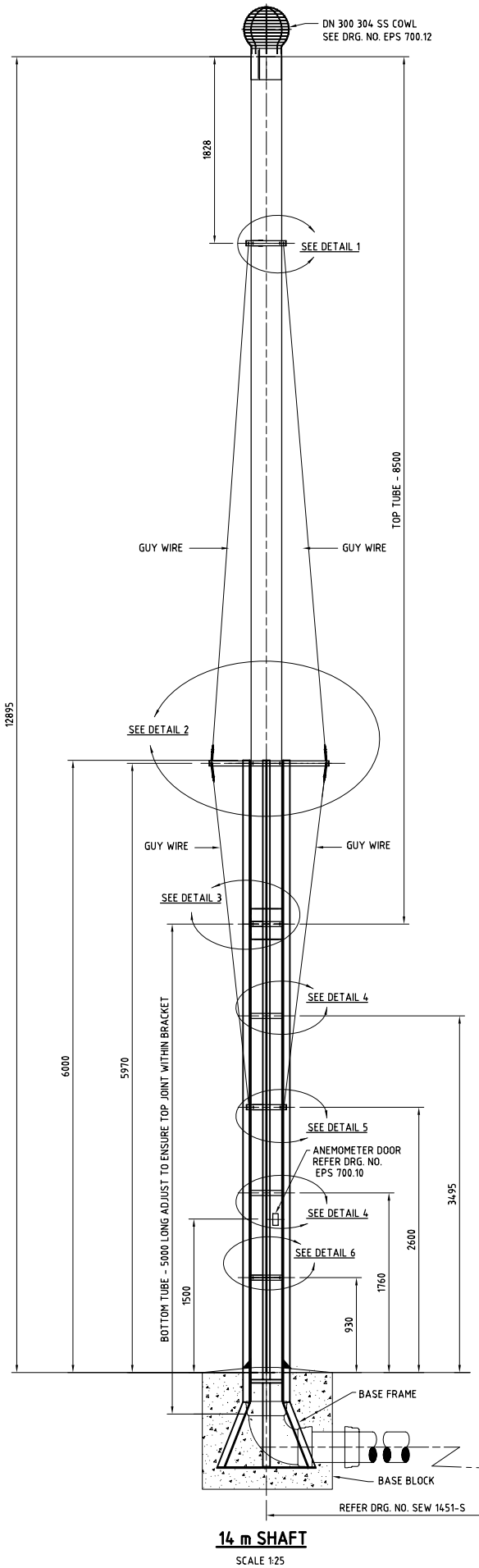
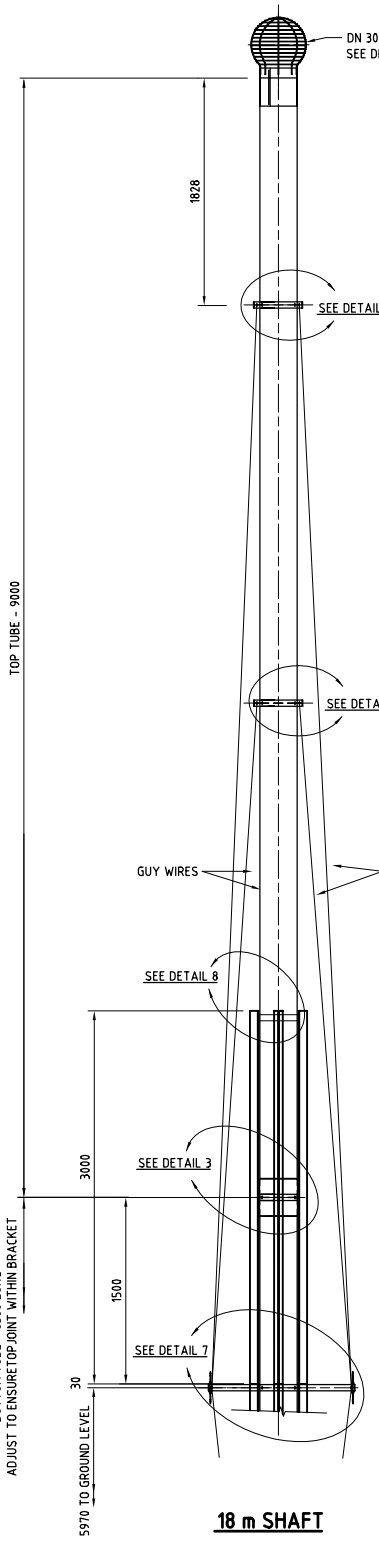
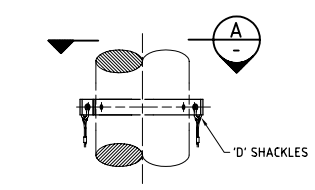


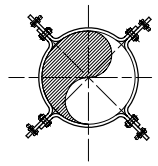
14 m SHAFT
SCALE 1:25



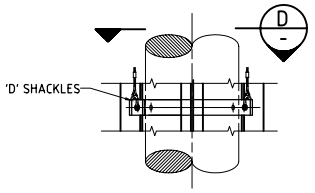
18 m SHAFT
BASE SECTION DETAILS
SIMILAR TO 14 m SHAFT
SCALE 1:25



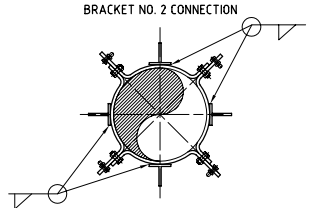
DETAIL 1
BRACKET NO. 2 CONNECTION



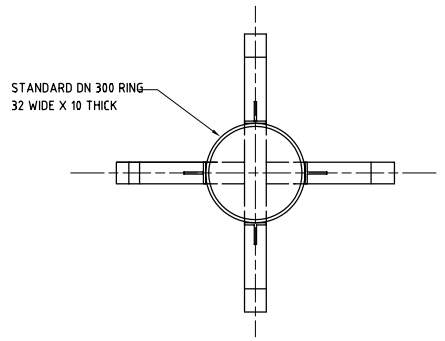
SECTION A
SCALE 1:10



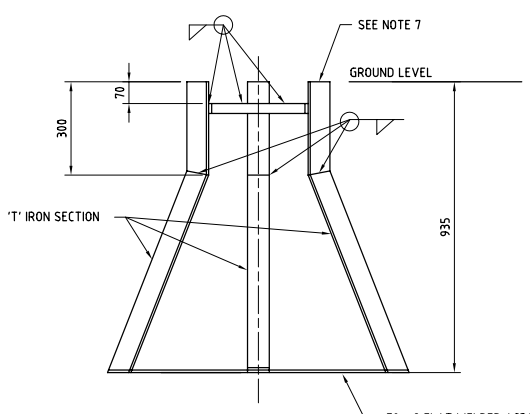
DETAIL 5
BRACKET NO. 2 CONNECTION



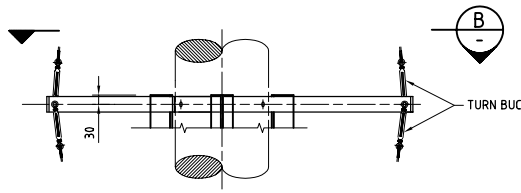
SECTION D
SCALE 1:10



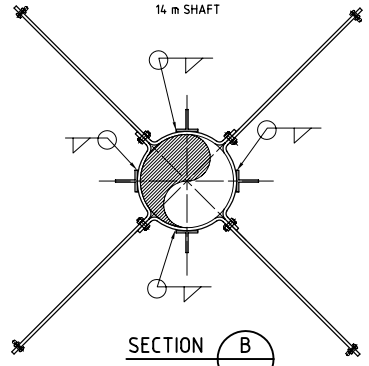
PLAN



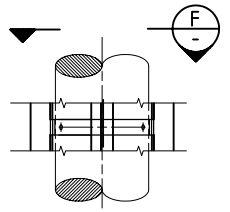
BASE FRAME
SCALE 1:10



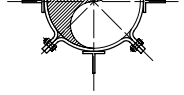
DETAIL 2
BRACKET NO. 3 CONNECTION
14 m SHAFT



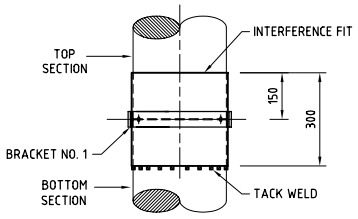
SECTION B
SCALE 1:10



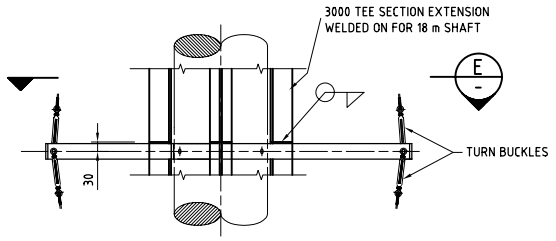
DETAIL 6
BRACKET NO. 1 CONNECTION



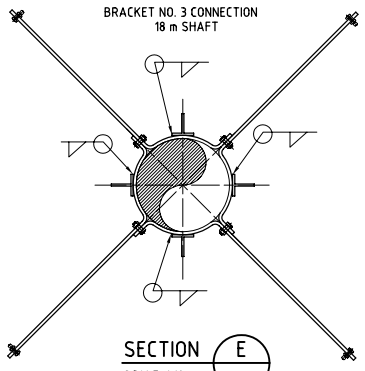
SECTION F
SCALE 1:10



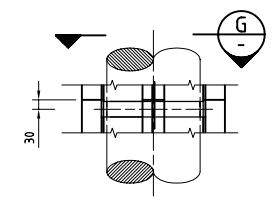
DETAIL 3
SCALE 1:10
'T' IRONS REMOVED FOR
FOR CLARITY



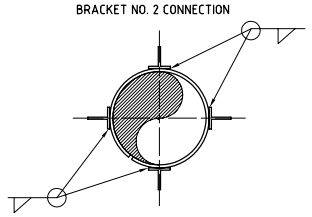
DETAIL 7
BRACKET NO. 3 CONNECTION
18 m SHAFT



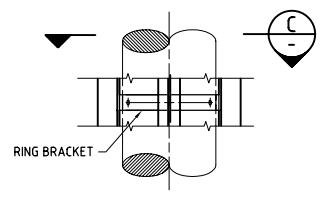
SECTION E
SCALE 1:10



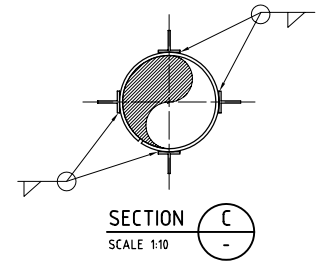
DETAIL 8
BRACKET NO. 2 CONNECTION



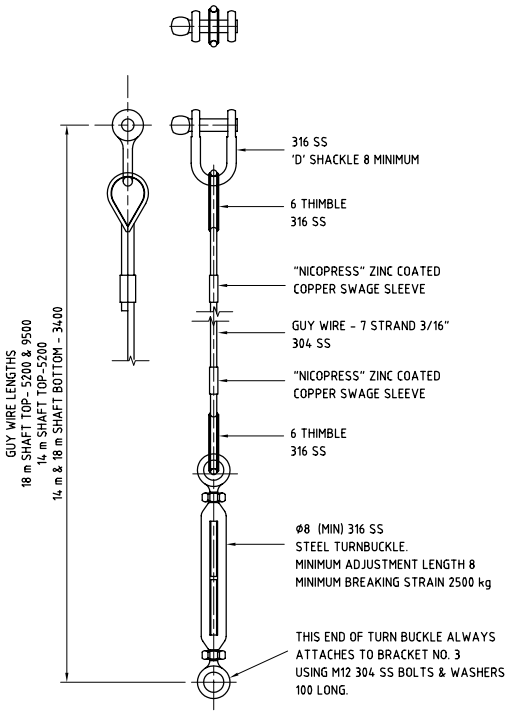
SECTION G
SCALE 1:10



DETAIL 4



SECTION C
SCALE 1:10



GUY WIRE CONNECTION DETAILS

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. VENT TUBES TO BE DN 300 304 (MINIMUM) SS. EITHER EXTRUDED OR SPIRAL WELDED.
3. VENT SHAFT TUBING, STEEL SUPPORTS, BRACKETS & COWLS TO BE PAINTED AS PER PCS 109
4. CONCRETE TO BE NORMAL CLASS TO AS 1379 AND MINIMUM STRENGTH GRADE 20.
5. VENT SUPPORT LEGS TO BE 70 x 70 x 8 GALVANISED 'T' IRON.
6. ALL WELDS TO BE 7 SILICON BRONZE FULL DEPTH TO AS 1167.
7. BASE FRAME TO BE SET IN CONCRETE BASE BLOCK & ALLOWED 5 DAYS TO CURE BEFORE THE SUPPORT LEGS ARE WELDED ON.
8. ALL BOLTS & WASHERS TO BE M12 304 SS 75 LONG UNLESS NOTED OTHERWISE.
9. FOR DETAILS OF BRACKET NO.S 1, 2 , 3 & RING BRACKET SEE DRG NO. EPS 700.06

PREPARED BY
ASSET MANAGEMENT

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RECOMMENDED
for WASTEWATER SYSTEMS MANAGER

APPROVED
for MANAGER, STRATEGIC ASSET MANAGEMENT

Sydney WATER

ENGINEERING PRODUCT SPECIFICATION

VENTILATION SYSTEMS
EDUCT VENTSHAFT GUY WIRE TYPE
DN 300 SHAFT AND DETAILS

Sydney WATER

EPS 700.05

ISSUED: 2005 | VERSION: 1