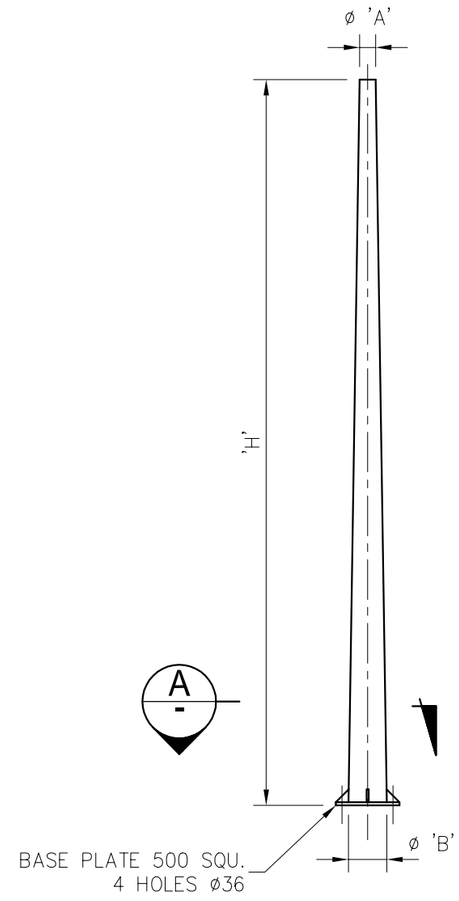
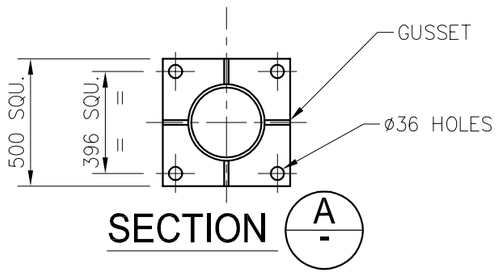


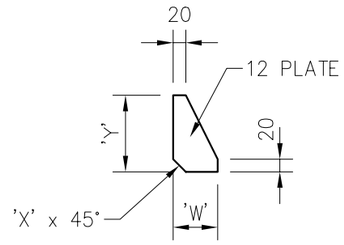

## TYPICAL GALVANISED STEEL VENT STACK

(SEE NOTES 5 & 6)

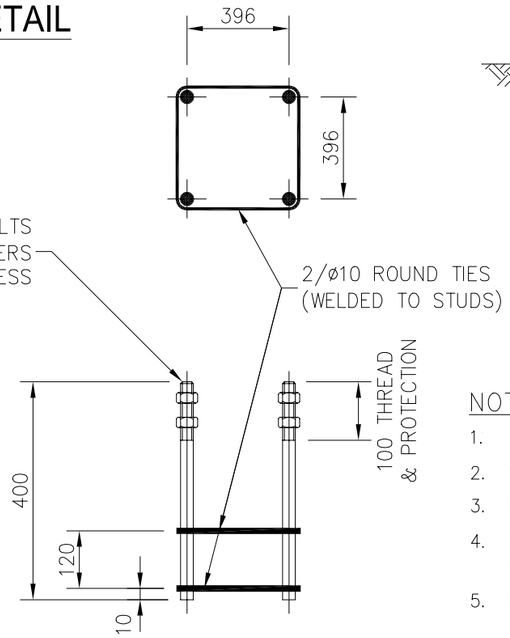
| HEIGHT 'H' (m) | TOP ø 'A' | BOTTOM ø 'B' | WALL THICKNESS | GUSSETS | | |
|---|---|---|---|---|---|---|
| | | | | 'W' | 'Y' | 'X' |
| 6 | 150 | 225 | 4 | NOT REQ'D. | | |
| | 225 | 300 | | | | |
| | 300 | 375 | | | | |
| 9 | 150 | 262 | 6 | 110 | 175 | 20 |
| | 225 | 337 | 5 | 70 | 120 | 20 |
| | 300 | 412 | 4 | 35 | 120 | 10 |
| 11.85 | 150 | 298 | 9 | 90 | 120 | 20 |
| | 225 | 373 | 7 | 55 | 120 | 20 |
| | 300 | 412 | 7 | 35 | 120 | 10 |



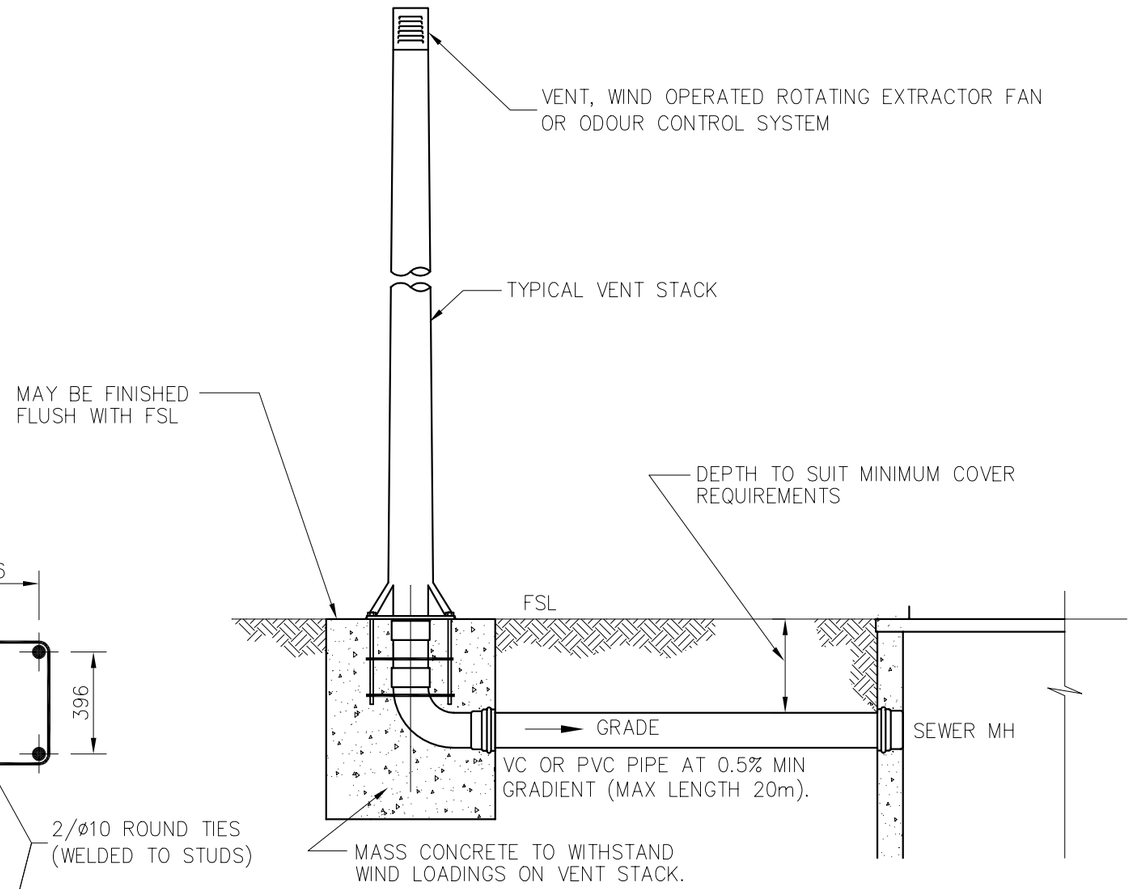

SECTION A-




## GUSSET DETAIL




## VENT STACK BOLT DETAIL




## TYPICAL EDUCT VENT ARRANGEMENTS

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.
2. SPECIFY LOCATIONS OF EDUCT VENTS IN DESIGN DRAWINGS.
3. PHYSICAL POSITION AND SIZE TO BE IN ACCORDANCE WITH WATER AGENCY REQUIREMENTS.
4. PROTECT VENTS AGAINST INTERNAL & EXTERNAL CORROSION BY SUITABLE COATING SYSTEM OR MANUFACTURE FROM CORROSION RESISTANT MATERIALS (EG GRP OR SS).
5. UNLESS SPECIFIED OTHERWISE DESIGN VENT STACKS FOR WIND LOADING TO AS 1170.2 FOR REGION 'A' CATEGORY 1 WITH A TOPOGRAPHICAL MULTIPLIER (M) OF 1.0
6. TO MITIGATE CORROSION OF METAL VENT STACKS, AN INTERNAL LINING OF PVC VENT PIPE TO EXTEND UP THROUGH THE VENT STACK TO THE TOP OF THE VENT STACK AND SHOULD PROTRUDE 50 ABOVE TOP OF STACK. FILL ANNULUS AT TOP OF STACK WITH AN ALL WEATHER SEALANT AND PROVIDE A DRAINAGE POINT AT THE BASE.

WATER SERVICES ASSOCIATION
*of Australia*

SEWERAGE CODE OF AUSTRALIA

VENTILATION SYSTEMS

EDUCT VENT

NOT TO SCALE

SEW–1408

 V2.1

ADDITIONAL INFORMATION PROVIDED IN SEW–1400 SERIES COMMENTARY