

**DESIGN PARAMETERS**

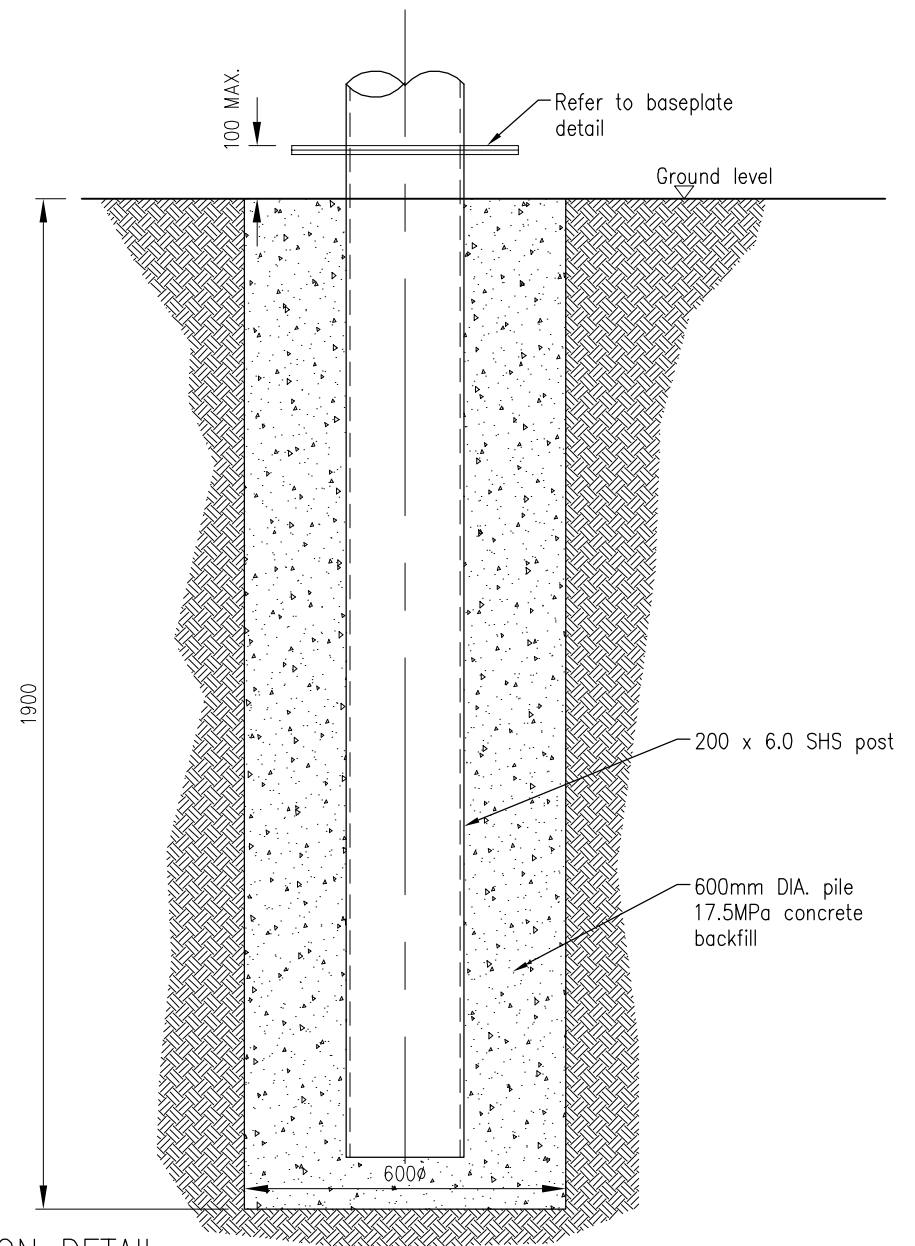
- a) Wind pressure =  $.96 \times 1.5 = 1.44\text{KPa}$
- b) Base shear = 12KN
- c) Base overturning moment ie. OTM = 48.6
- d) Base righting moment KNm RM = 1.5 OTM

**ELEVATION**

**NOTE:** Dimensions of the signs are typically smaller than that shown. Pole widths are expected to range between 150mm $\phi$  - 200mm $\phi$

**SPECIFICATION**

- 1. All hollow sections Grade 350
- 2. All concrete ( $f_{ic} = 17.5\text{MPa}$  in pile)
- 3. All bolts 8.8/s (snug tight)
- 4. All welding fwar (fillet weld all round)
- 5. TC (top cover) CHS (Circular Hollow Section)  
BC (bottom cover) fms (Flat Mild Steel)  
BF (both faces) SHS (Square Hollow Section)
- 6. All reinforcement Grade 500MPa



**POLE FOUNDATION DETAIL**



PREPARED BY OPUS:

**ADVANCE DIRECTION SIGNS  
TYPE 2**

SCALE:	NTS
DRAWN:	GMW
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