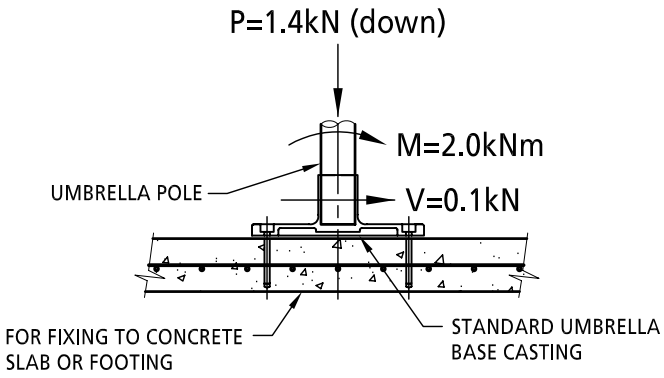
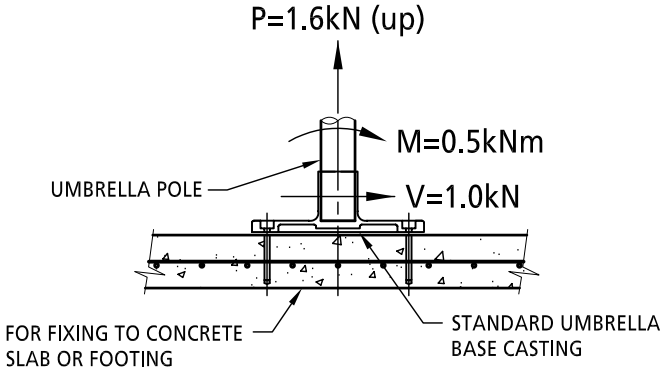
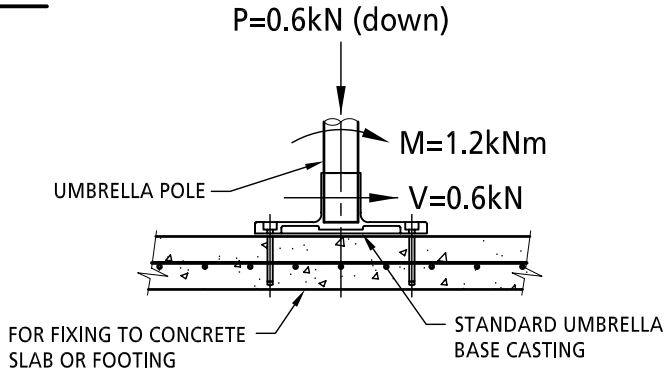
① DOWNWARDS LOAD CASE.



② UPLIFT LOAD CASE.



③ OVERTURNING LOAD CASE.



NOTE:
1. LOADS ARE WORKING (UNFACTORED) LOADS.
2. LOADS ARE FORCES APPLIED BY THE UMBRELLA ONTO SUPPORTING FOOTING OR SUPERSTRUCTURE.
3. HORIZONTAL LOADS AND MOMENTS CAN BE IN ANY DIRECTION.
4. DESIGN LOADS ARE BASED ON DESIGN WIND SPEED OF 120 km/hr (33m/s).

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STANDARD RETRACTABLE UMBRELLA RANGE
DESIGN REACTION LOADS
FOR 3.0, 3.5 & 4.0 SQ AND 4.4 & 5.0m HEX UMBRELLAS

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Issued: December 2002 FTG-08 Rev A