

## DESIGN TABLE

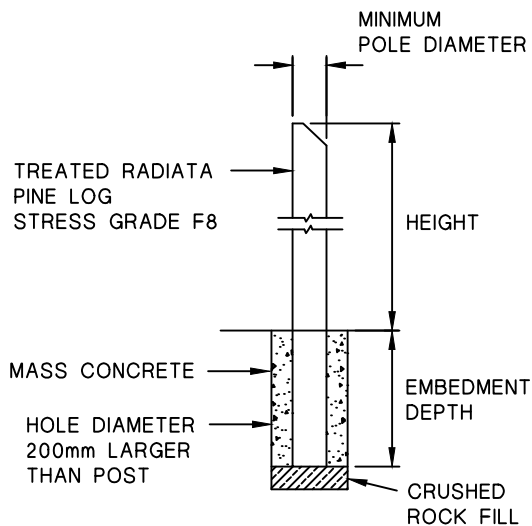
HEIGHT (m)	MIN. POLE DIA. (mm)	EMBEDMENT LENGTH (m) STIFF SOIL      ROCK
1.0	150	1.0
1.1 - 1.5	200	1.1
1.6 - 2.0	200	1.6
2.1 - 2.5	250	2.1
2.6 - 3.0	300	2.6

TWICE THE POLE  
DIAMETER  
MIN. 400mm BELOW  
SOUND ROCK

EMBEDMENT LENGTH TO BE CONFIRMED BY THE ENGINEER

### NOTE:

THIS DETAIL RELATES TO OUTLET HEADWALLS ONLY. INLET HEADWALLS REQUIRE SITE/PROJECT SPECIFIC APPROVAL AND WILL ONLY BE CONSIDERED WHERE THERE IS NO RISK OF PERSONS BEING SWEEPED INTO THE CLOSED DRAINAGE SYSTEM BY RESTRICTING THE OPENING SIZE, VELOCITY AND DEPTH, BY PHYSICALLY RESTRICTING ACCESS OR BY USING A MORE APPROPRIATE INLET STRUCTURE (SUCH AS A SKIRTED SURCHARGE PIT LID - SEE SD.6) AS PER THE CURRENT VERSION OF AUSTRALIAN RAINFALL AND RUNOFF.

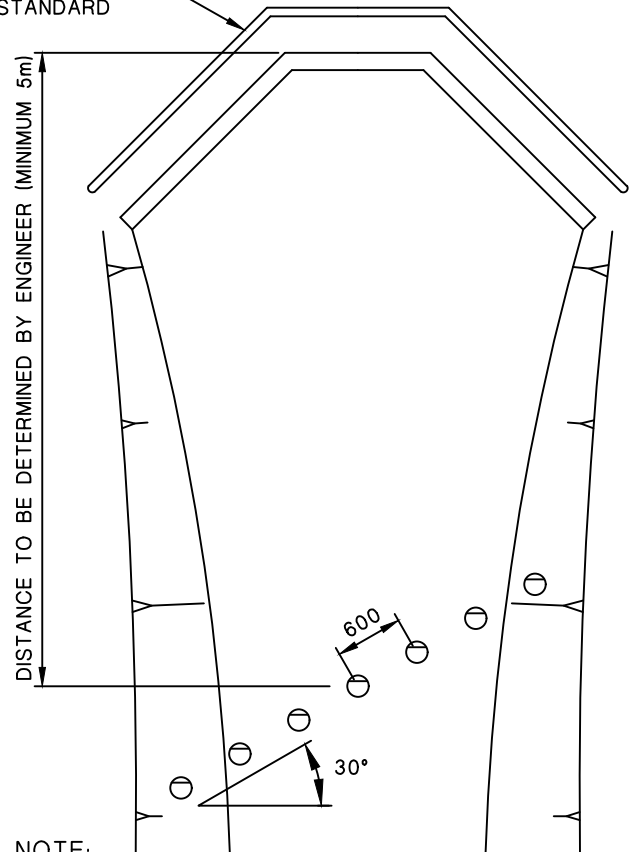


POLES SHALL BE BRACED PRIOR  
TO FILLING HOLE WITH CONCRETE

### POST DETAIL

NOT TO SCALE

PLACE 1.8m CHILDPROOF  
FENCE TO COUNCIL  
STANDARD



### NOTE:

LOCATION AND LEVEL OF BARRIER TO BE SET SO BLOCKAGE WITH DEBRIS WILL NOT CAUSE DAMAGE DUE TO RAISED FLOOD LEVELS AS FLOOD WATER FLOWS OVER THE BLOCKED BARRIER.

