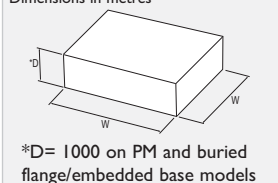


Lowering Trolley Head Poles ← Foundations & Bolting Details

MODEL NO.	HEIGHT MTRS	BOLT CENTRES ^{1/2}	BASE PLATE SIZE ^{1/2}	BURIED DEPTH 'D'	SERVICE ENTRY SIZE	HOLDING DOWN BOLT SIZE D X L	FOUNDATION SIZES FOR THE UK						
							COUNTRY LOCATION			TOWN LOCATION			
							AREA A	AREA B	AREA C	AREA A	AREA B	AREA C	
AW1545/LTH cabinet based, lowering trolley head pole - all variants													
AW1545/LTH/4	4	550	630	200	370x370	M24x325	0.9 x 0.9 x 0.5	1.0 x 1.0 x 0.5	1.1 x 1.1 x 0.55	0.9 x 0.9 x 0.5	0.9 x 0.9 x 0.5	1.0 x 1.0 x 0.5	
AW1545/LTH/5	5	550	630	200	370x370	M24x325	1.1 x 1.1 x 0.55	1.1 x 1.1 x 0.55	1.2 x 1.2 x 0.6	1.0 x 1.0 x 0.5	1.1 x 1.1 x 0.55	1.1 x 1.1 x 0.55	
AW1545/LTH/6	6	550	630	200	370x370	M24x325	1.2 x 1.2 x 0.6	1.2 x 1.2 x 0.6	1.3 x 1.3 x 0.65	1.1 x 1.1 x 0.55	1.1 x 1.1 x 0.55	1.2 x 1.2 x 0.6	
AW1545/LTH/7	7	550	630	200	370x370	M24x325	1.3 x 1.3 x 0.65	1.3 x 1.3 x 0.65	1.4 x 1.4 x 0.7	1.2 x 1.2 x 0.6	1.2 x 1.2 x 0.6	1.3 x 1.3 x 0.65	
AW1545/LTH/8	8	550	630	200	370x370	M24x425	1.3 x 1.3 x 0.65	1.4 x 1.4 x 0.7	1.5 x 1.5 x 0.75	1.3 x 1.3 x 0.65	1.3 x 1.3 x 0.65	1.4 x 1.4 x 0.7	
AW1545/LTH/9	9	550	630	200	370x370	M24x425	1.4 x 1.4 x 0.7	1.5 x 1.5 x 0.75	1.6 x 1.6 x 0.8	1.4 x 1.4 x 0.7	1.4 x 1.4 x 0.7	1.5 x 1.5 x 0.75	
AW1545/LTH/10	10	550	630	200	370x370	M24x425	1.5 x 1.5 x 0.75	1.6 x 1.6 x 0.8	1.7 x 1.7 x 0.9	1.4 x 1.4 x 0.7	1.5 x 1.5 x 0.75	1.6 x 1.6 x 0.8	
AW1545/LTH/10HD	10	700	800	200	370x370	M27x600	1.6 x 1.6 x 0.8	1.7 x 1.7 x 0.9	1.8 x 1.8 x 0.9	1.5 x 1.5 x 0.75	1.6 x 1.6 x 0.8	1.7 x 1.7 x 0.9	
AW1545/LTH/12	12	700	800	200	370x370	M27x600	1.8 x 1.8 x 0.9	1.9 x 1.9 x 1.0	2.0 x 2.0 x 1.0	1.7 x 1.7 x 0.9	1.8 x 1.8 x 0.9	1.9 x 1.9 x 1.0	
AW1545/LTH/15	15	700	800	200	370x370	M27x600	2.1 x 2.1 x 1.1	2.2 x 2.2 x 1.1	2.3 x 2.3 x 1.2	2.0 x 2.0 x 1.0	2.1 x 2.1 x 1.1	2.2 x 2.2 x 1.1	
AW1502/LTH lamp standard, lowering trolley head pole - all variants													
AW1502/LTH/4	4	350	405	250	200	M20x325	0.9 x 0.9 x 0.5	1.0 x 1.0 x 0.5	1.1 x 1.1 x 0.55	0.9 x 0.9 x 0.5	0.9 x 0.9 x 0.5	1.0 x 1.0 x 0.5	
AW1502/LTH/5	5	450	510	250	250	M20x325	1.1 x 1.1 x 0.55	1.1 x 1.1 x 0.55	1.2 x 1.2 x 0.6	1.0 x 1.0 x 0.5	1.1 x 1.1 x 0.55	1.1 x 1.1 x 0.55	
AW1502/LTH/6	6	450	510	250	250	M20x325	1.2 x 1.2 x 0.6	1.2 x 1.2 x 0.6	1.3 x 1.3 x 0.65	1.1 x 1.1 x 0.55	1.1 x 1.1 x 0.55	1.2 x 1.2 x 0.6	
AW1502/LTH/7	7	450	510	250	250	M20x325	1.3 x 1.3 x 0.65	1.3 x 1.3 x 0.65	1.4 x 1.4 x 0.7	1.2 x 1.2 x 0.6	1.2 x 1.2 x 0.6	1.3 x 1.3 x 0.65	
AW1502/LTH/8	8	550	630	250	250	M24x425	1.3 x 1.3 x 0.65	1.4 x 1.4 x 0.7	1.5 x 1.5 x 0.75	1.3 x 1.3 x 0.65	1.3 x 1.3 x 0.65	1.4 x 1.4 x 0.7	
AW1502/LTH/9	9	550	630	250	250	M24x425	1.4 x 1.4 x 0.7	1.5 x 1.5 x 0.75	1.6 x 1.6 x 0.8	1.4 x 1.4 x 0.7	1.4 x 1.4 x 0.7	1.5 x 1.5 x 0.75	
AW1502/LTH/10	10	550	630	250	250	M24x425	1.5 x 1.5 x 0.75	1.6 x 1.6 x 0.8	1.7 x 1.7 x 0.9	1.4 x 1.4 x 0.7	1.5 x 1.5 x 0.75	1.6 x 1.6 x 0.8	
AW1502/LTH/10HD	11	500PCD	800	N/A	300	M27x600	1.6 x 1.6 x 0.8	1.7 x 1.7 x 0.9	1.8 x 1.8 x 0.9	1.5 x 1.5 x 0.75	1.6 x 1.6 x 0.8	1.7 x 1.7 x 0.9	
AW1502/LTH/12	12	500PCD	800	N/A	300	M27x600	1.8 x 1.8 x 0.9	1.9 x 1.9 x 1.0	2.0 x 2.0 x 1.0	1.7 x 1.7 x 0.9	1.8 x 1.8 x 0.9	1.9 x 1.9 x 1.0	
AW1502/LTH/15	13	500PCD	800	N/A	300	M27x600	2.1 x 2.1 x 1.1	2.2 x 2.2 x 1.1	2.3 x 2.3 x 1.2	2.0 x 2.0 x 1.0	2.1 x 2.1 x 1.1	2.2 x 2.2 x 1.1	

Table dimensions in mm

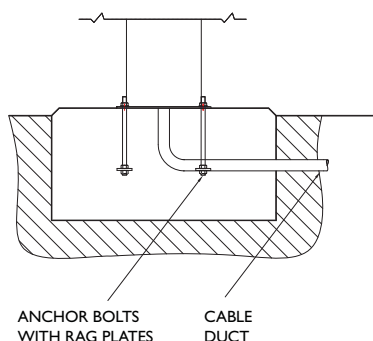
Foundation sizes in table are W x W x D
Dimensions in metres



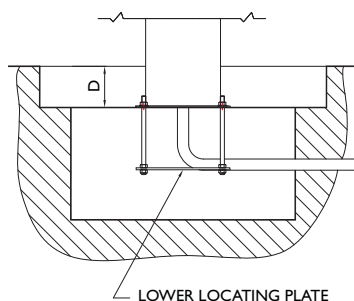
- For area D locations and exposed locations over 100m above sea level for areas A, B and 150m above sea level for area C, we recommend increased foundation sizes. Please refer to the table on page 101 for conformation of these.
- A minimum soil bearing capacity of 75 kN/m² is assumed.
- Foundation base dimensions are typical and may vary depending on site conditions.
- Please refer to the foundations & windloading section on pages 101-103 for further guidance.

REFER TO INSTALLATION METHODS ON PAGES 104-106

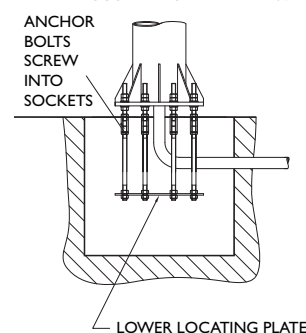
SURFACE MOUNTED SHOWING
TEMPLATE METHOD



BELOW SURFACE MOUNTED
SHOWING BOLT FRAME METHOD



BOLT FRAME IN
ACCORDANCE WITH BD94/07



GALVANISED HOLDING DOWN BOLTS

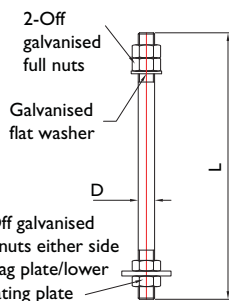
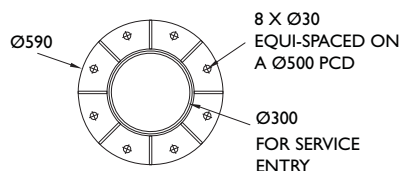
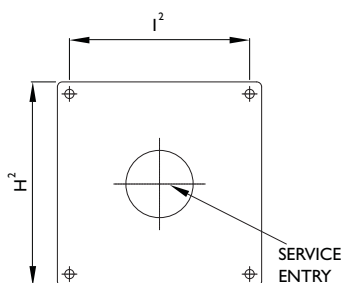


DIAGRAM FOR AW1502/LTH
FROM 10HD UP TO 15M



AW1502/LTH



AW1545

