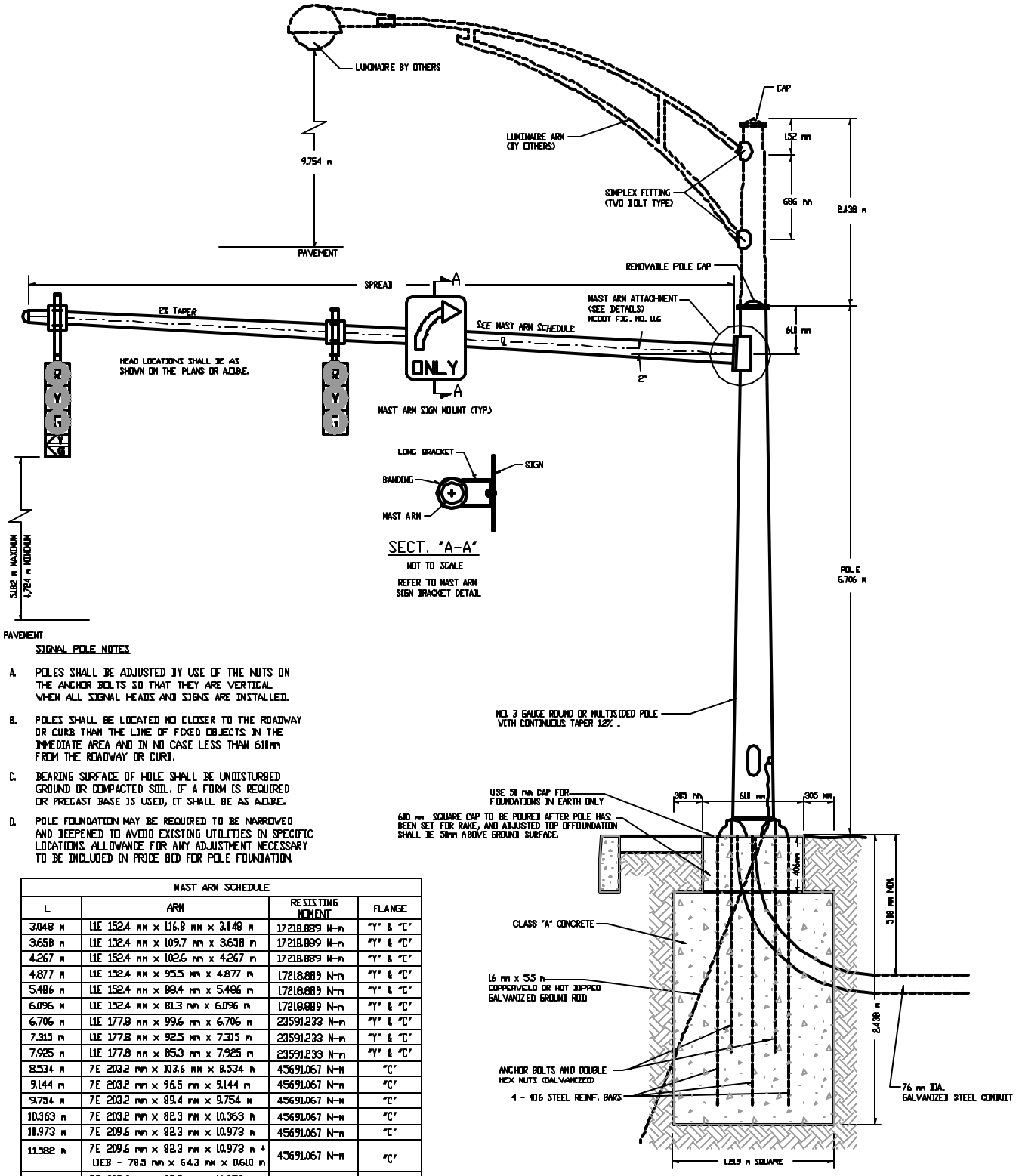

SIGNAL POLE NOTES

A. POLES SHALL BE ADJUSTED BY USE OF THE NUTS ON THE ANCHOR BOLTS SO THAT THEY ARE VERTICAL WHEN ALL SIGNAL HEADS AND SIGNS ARE INSTALLED.

B. POLES SHALL BE LOCATED NO CLOSER TO THE ROADWAY OR CURB THAN THE LINE OF FIXED OBJECTS IN THE IMMEDIATE AREA AND IN NO CASE LESS THAN 610mm FROM THE ROADWAY OR CURB.

C. BEARING SURFACE OF HOLE SHALL BE UNDISTURBED GROUND OR COMPACTED SOIL. IF A FORM IS REQUIRED OR PRECAST BASE IS USED, IT SHALL BE AS ABOVE.

D. POLE FOUNDATION MAY BE REQUIRED TO BE NARROWED AND DEEPENED TO AVOID EXISTING UTILITIES IN SPECIFIC LOCATIONS. ALLOWANCE FOR ANY ADJUSTMENT NECESSARY TO BE INCLUDED IN PRICE BID FOR POLE FOUNDATION.

MAST ARM SCHEDULE			
L	ARM	RESISTING MOMENT	FLANGE
3.048 m	1E 152.4 mm x 116.8 mm x 3.148 m	17218.889 N-m	"Y" & "C"
3.658 m	1E 152.4 mm x 109.7 mm x 3.658 m	17218.889 N-m	"Y" & "C"
4.267 m	1E 152.4 mm x 102.6 mm x 4.267 m	17218.889 N-m	"Y" & "C"
4.877 m	1E 152.4 mm x 95.5 mm x 4.877 m	17218.889 N-m	"Y" & "C"
5.486 m	1E 152.4 mm x 88.4 mm x 5.486 m	17218.889 N-m	"Y" & "C"
6.096 m	1E 152.4 mm x 81.3 mm x 6.096 m	17218.889 N-m	"Y" & "C"
6.706 m	1E 177.8 mm x 99.6 mm x 6.706 m	23591.233 N-m	"Y" & "C"
7.315 m	1E 177.8 mm x 92.5 mm x 7.315 m	23591.233 N-m	"Y" & "C"
7.925 m	1E 177.8 mm x 85.3 mm x 7.925 m	23591.233 N-m	"Y" & "C"
8.534 m	7E 203.2 mm x 103.6 mm x 8.534 m	45691.067 N-M	"C"
9.144 m	7E 203.2 mm x 96.5 mm x 9.144 m	45691.067 N-m	"C"
9.754 m	7E 203.2 mm x 89.4 mm x 9.754 m	45691.067 N-M	"C"
10.363 m	7E 203.2 mm x 82.3 mm x 10.363 m	45691.067 N-M	"C"
10.973 m	7E 209.6 mm x 92.3 mm x 10.973 m	45691.067 N-m	"C"
11.582 m	7E 209.6 mm x 92.3 mm x 10.973 m + 1E8 - 78.5 mm x 64.3 mm x 0.610 m	45691.067 N-M	"C"
12.192 m	7E 209.6 mm x 82.3 mm x 10.973 m + 1E8 - 78.5 mm x 64.3 mm x 1.219 m	45691.067 N-M	"C"
12.802 m	7E 209.6 mm x 82.3 mm x 10.973 m + 1E8 - 78.5 mm x 64.3 mm x 1.829 m	45691.067 N-m	"C"

SIGNAL POLE INSTALLATION MAST ARM

NOT TO SCALE

6/15/01

REVISED