



ARM NUMBER	ARM LENGTH "L"	TROMBONE ARM SIZE "D" x "W"	TROMBONE ARM TAPER "D" x "D1"	TROMBONE ARM ELLIPSE "E1" x "D2"	L1	L2	L3	L4	L5	SHAFT SIZE "S" OD x "T" WALL	SHAFT TAPER "S" x "S1"
G-103004-1	15'-0"	4" x 156"	4" x 3"	4 3/4" x 3"	---	3'-3"	---	---	---	10" OD x 2.19" WALL	10" x 8"
G-103004-2	20'-0"	5" x 156"	5" x 3"	6 3/8" x 3"	1'-6"	10'-6"	---	---	---	10" OD x 2.19" WALL	10" x 8"
G-103004-3	25'-0"	6" x 188"	6" x 3"	7 5/8" x 3 1/2"	1'-6"	10'-6"	15'-0"	---	---	10" OD x 2.19" WALL	10" x 8"
G-103004-4	30'-0"	7" x 188"	7" x 3 1/2"	9 1/4" x 3 3/4"	1'-6"	10'-6"	---	13'-0"	20'-6"	12" OD x 3.12" WALL	12" x 10"
G-103004-5	35'-0"	7" x 219"	7" x 4"	9 1/8" x 4"	1'-6"	10'-6"	---	17'-8"	25'-3"	12" OD x 3.12" WALL	12" x 10"
G-103004-6	40'-0"	7" x 219"	7" x 4"	9 1/8" x 4"	1'-6"	10'-6"	17'-11"	22'-8"	30'-3"	12" OD x 3.12" WALL	12" x 10"

"D" DIAMETER HEX HEAD BOLT W/HEX NUT,
LOCK WASHER & (2) FLAT WASHERS. MATERIAL
PER ASTM A-193 GRADE B8 STAINLESS
STEEL ("N" BOLTS REQUIRED PER CLAMP)

"D" DIAMETER HEX HEAD BOLT W/HEX NUT,
LOCK WASHER & (2) FLAT WASHERS. MATERIAL
PER ASTM A-193 GRADE B8 STAINLESS
STEEL ("N" BOLTS REQUIRED PER CLAMP)

POLE TOP CLAMP DIAMETER
FOR WIRE ACCESS

POLE TOP CLAMP DIAMETER
FOR WIRE ACCESS

2 1/2" MIN.
ENGAGEMENT

NOTE: POLE CLAMPS W/HARDWARE
TO BE FACTORY INSTALLED

STIFFENER GUSSET
3/8" THK x 1" x 10" LONG
6061-T6 AL ALLOY-4 RECD

STIFFENER GUSSET
3/8" THK x 1" x 10" LONG
6061-T6 AL ALLOY-4 RECD

DETAIL "A1"

DETAIL "A2"

DETAIL "B"

DETAIL "C"

1 1/2" DIA x 3/4" LONG ANCHOR ROD W/HEX NUT,
LOCK WASHER & 3/8" THK x 3" DIA FLAT WASHER
(4 OF EACH REQ'D), ANCHOR ROD TO BE PER
ASTM A576 STEEL W/55,000 PSI YIELD STRENGTH
IN ACCORD W/AASHTO GRADE 55. TOP 18" OF ROD
GALVANIZED PER ASTM A153.

ANCHORAGE LAYOUT DETAIL

REVISIONS

NM APWA

TRAFFIC

MASTARM DETAILS, ALUMINUM

DWG. 2561

FEB. 2006