

CLAMP & CLEVIS 1/4" MAT'L., H.D.
 GALVANIZED WITH (2) 5/8"
 CARRIAGE BOLT & HEX NUTS

STEEL CAP WITH SCREW

REMOVABLE CAST IRON POLE, TOP

VARIES

2 BOLT ARM ATTACHMENT
 (SIMPLEX AS PER BC-808.14)

STRAIGHT PIPE ARM

1 1/16" DIA. HOLE

1 3/8" DIA. DIA. HOLE FOR 1"
 I.D. RUBBER GROMMET

SIGNAL HANGER - DETAIL "A"

VARIES - SEE CHART

STEEL SIGNAL HANGER
 ARM 0.14 TAPER

SEE DETAIL "A"

SEE DETAIL "B"

(4) ANCHOR RODS WITH
 HEAVY SQUARE NUTS
 FOR LEVELING

BOLT CIRCLE

CAST ANCHOR
 BASE

"S"

ANCHOR BOLT PLAN

SIGNAL HANGER ARM DATA				
SPREAD	"R" RISE		"T"	ARM GAUGE
	MIN.	MAX.		
12"	5"	8"	18'-6"	7 GAUGE
14"	6"	9"		
16"	6"	11"		
18"	7"	12"		
20"	7"	13"		
22"	8"	14"		
24"	8"	16"		
26"	9"	17"		
28"	9"	18"		
30"	10"	19"		
32"	10"	21"		
34"	11"	22"		
36"	11"	23"		

30'-0" MIN.

"T" PER CHART

MOUNTING HEIGHT + 18'-6"+R

TRANSIT & TRAFFIC POLE
 FOUNDATION BASE

4" x 8" CURVED HANDHOLE WITH REIN.
 FRAME & COVER 1/2-13 TAPPED HOLE
 IN FRAME FOR GROUNDING

1 1/4" FLANGE PLATE ON POLE & ARM

1/4 THICK GUSSETS TOP & BOTTOM

"J" HOOK TO BE
 WELDED IN
 TOP OF POLE

1 1/4"- 7NC2,
 TAPPED HOLES
 FOR 1 1/4" HEX H.D.
 BOLTS HI-STR

INNER PATTERN
 USED ON ALL POLES

2 1/2" DIA. WIRING
 HOLE (DEBURRED)
 3" DIA. HOLE IN
 POLE

OUTER PATTERN
 USED ON POLES
 WITH DIA'S OVER
 10"

6 1/2"

3 1/2"

14"

10"


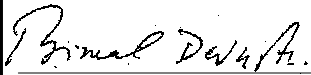
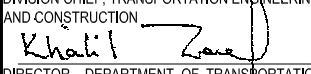
1/2" R

(2) 1/4" THICK SIDE GUSSETS

ARM ATTACHMENT - DETAIL "B"

ANCHOR BOLT DATA				
POLE DIAMETER	POLE GAUGE	BOLT CIRCLE	SQUARE "S"	ANCHOR BOLTS
8"	7	11"	11 1/2"	1 1/4" x 48" LONG
8"	3	11"	11 1/2"	
9"	7	12 1/2"	12 3/4"	
10"	7	13 1/2"	14 1/8"	1 1/2" x 60" LONG
11"	7	15"	15 5/8"	
12"	7	16"	17"	
13"	7	18"	18 1/2"	
14"	7	20"	20 1/2"	
14"	3	20"	20 1/2"	1 3/4" x 90" LONG

SEE SPECIFICATIONS AND SPECIAL PROVISIONS
 FOR MATERIALS & FINISH

	APPROVED:  DIVISION CHIEF, TRANSPORTATION ENGINEERING AND CONSTRUCTION  DIRECTOR, DEPARTMENT OF TRANSPORTATION	CITY OF BALTIMORE DEPARTMENT OF TRANSPORTATION TRANSPORTATION ENGINEERING AND CONSTRUCTION	ISSUED 8 / 2010	REVISED	REVISED	
	COMBINATION POLE FOR LIGHT STANDARD AND TRAFFIC SIGNALS			STANDARD NO. BC 808.05		
				SCALE: NONE	SHEET 1 OF 1	