

SERIES SQS 4''

SQS Series are straight square steel poles.

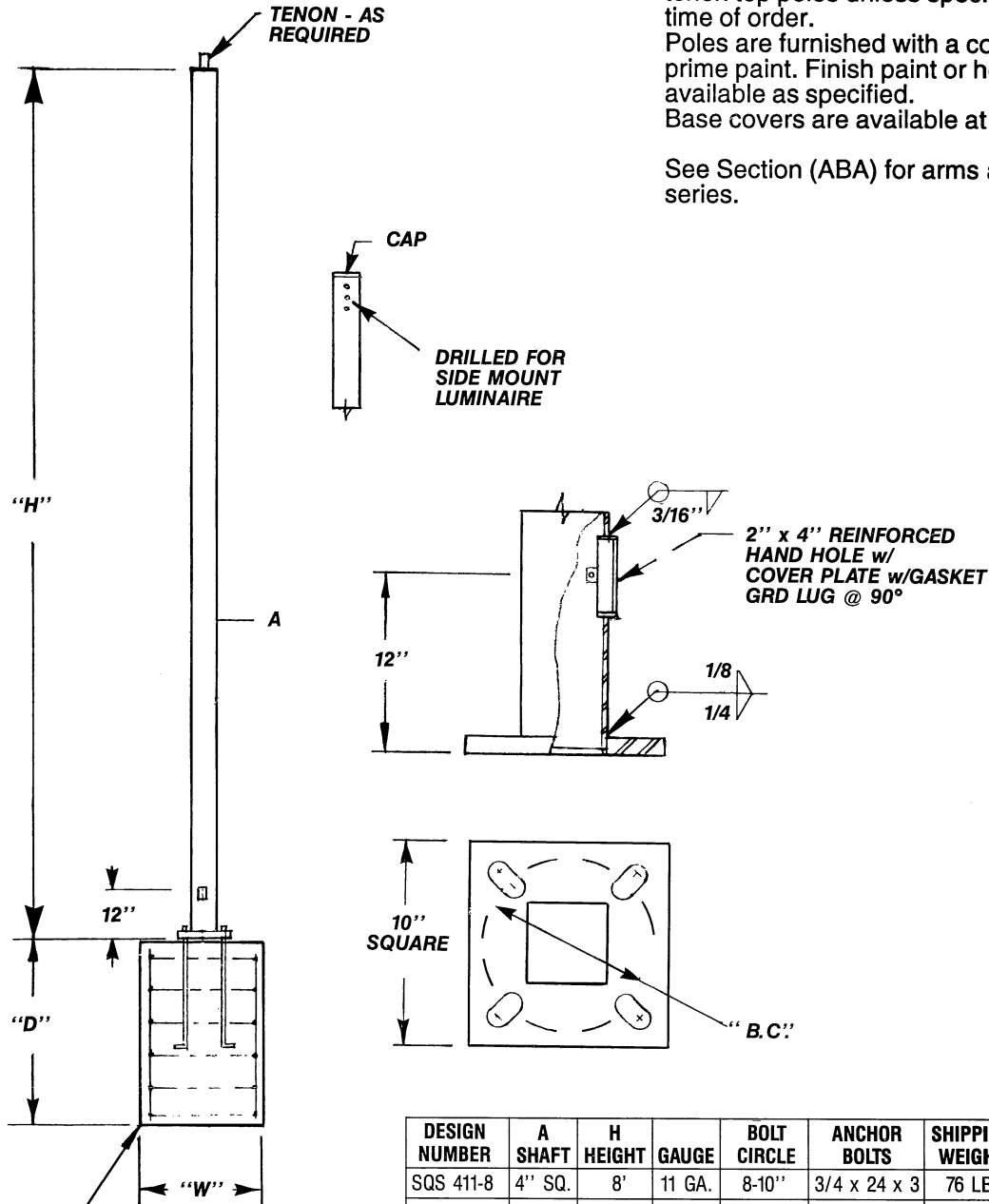
All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts, tenon top or side mount drilling.

Tenon top to be 2-3/8" O.D. x 5" pipe on all tenon top poles unless specified otherwise at time of order.

Poles are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified.

Base covers are available at additional cost.

See Section (ABA) for arms adaptable to this series.



2500# CONCRETE -
MONOLITHICALLY
POURED AGAINST UN-
DISTURBED EARTH.
SOIL = SILTY SAND
OR BETTER
REBAR - NOMINAL 4 -
#4 VERTICALS w/#3 TIE -
18" O.C.

DESIGN NUMBER	A SHAFT	H HEIGHT	GAUGE	BOLT CIRCLE	ANCHOR BOLTS	SHIPPING WEIGHT	E.P.A. SQ. FT.	W	D
SQS 411-8	4" SQ.	8'	11 GA.	8-10"	3/4 x 24 x 3	76 LBS.	9	2'-0"	3'-6"
SQS 411-10	4" SQ.	10'	11 GA.	8-10"	3/4 x 24 x 3	89 LBS.	9	2'-0"	4'-3"
SQS 411-12	4" SQ.	12'	11 GA.	8-10"	3/4 x 24 x 3	102 LBS.	9	2'-0"	4'-6"
SQS 411-14	4" SQ.	14'	11 GA.	8-10"	3/4 x 24 x 3	114 LBS.	8	2'-0"	4'-6"
SQS 411-16	4" SQ.	16'	11 GA.	8-10"	3/4 x 24 x 3	127 LBS.	8	2'-0"	5'-0"
SQS 411-18	4" SQ.	18'	11 GA.	8-10"	3/4 x 24 x 3	139 LBS.	8	2'-0"	5'-0"
SQS 411-20	4" SQ.	20'	11 GA.	8-10"	3/4 x 36 x 4	152 LBS.	6	2'-0"	5'-3"
SQS 411-24	4" SQ.	24'	11 GA.	8-10"	3/4 x 36 x 4	178 LBS.	8	2'-0"	5'-6"
SQS 47-20	4" SQ.	20'	7 GA.	8-10"	3/4 x 36 x 4	219 LBS.	8	2'-6"	5'-0"
SQS 47-25	4" SQ.	25'	7 GA.	8-10"	1 x 36 x 4	265 LBS.	10	2'-6"	5'-6"



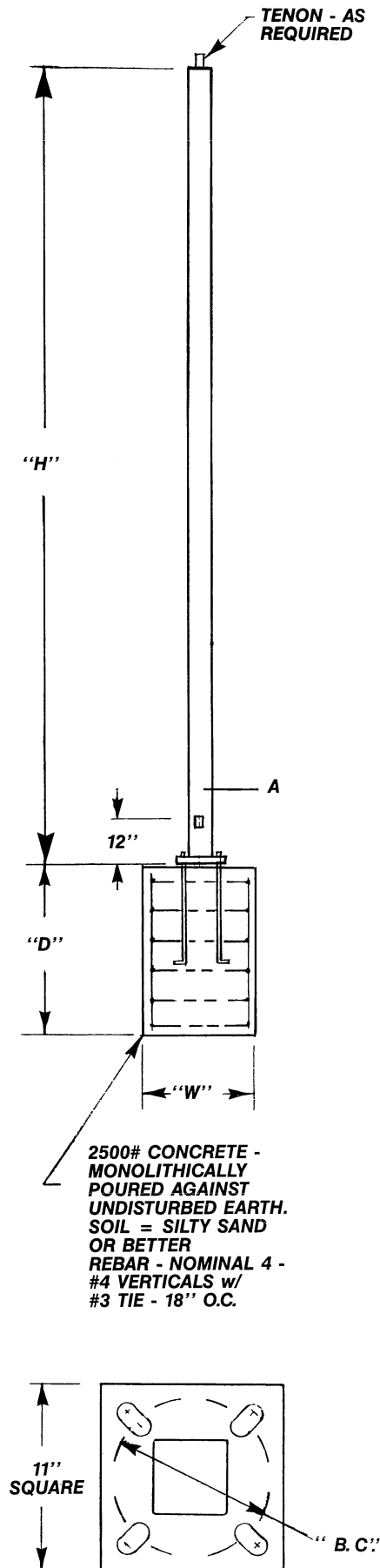
IMPERIALPIPE

WEB: www.imperialpipe.com

12375 Brown Ave. Riverside, CA 92509

TEL: 951.682.3307

FAX: 951.682.3406



SERIES SQS 5', 6' and 8'

SQS Series are straight square steel poles.

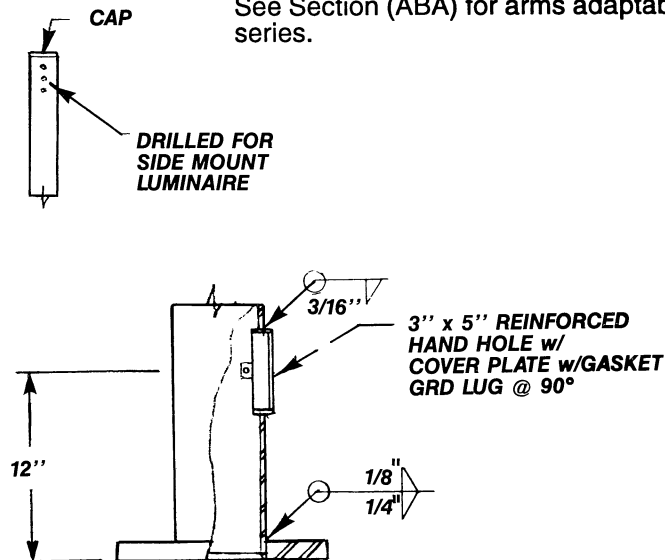
All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts, tenon top or side mount drilling.

Tenon top to be 2-3/8" O.D. x 5" pipe on all tenon top poles unless specified otherwise at time of order.

Poles are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified.

Base covers are available at additional cost.

See Section (ABA) for arms adaptable to this series.



DESIGN NUMBER	A SHAFT	H HEIGHT	GAUGE	B.C. BOLT CIRCLE	ANCHOR BOLTS	SHIPPING WEIGHT	E.P.A. SQ. FT.	W	D
SQS 511-20	5" SQ.	20'	11 GA.	11"	3/4 x 36 x 4	210 LBS.	8	2'6"	5'0"
SQS 511-25	5" SQ.	25'	11 GA.	11"	1 x 36 x 4	230 LBS.	8	2'6"	5'6"
SQS 511-30	5" SQ.	30'	11 GA.	11"	1 x 36 x 4	270 LBS.	6	2'6"	5'6"
SQS 57-20	5" SQ.	20'	7 GA.	11"	1 x 36 x 4	317 LBS.	10	2'6"	5'6"
SQS 57-25	5" SQ.	25'	7 GA.	11"	1 x 36 x 4	376 LBS.	10	2'6"	6'0"
SQS 57-30	5" SQ.	30'	7 GA.	11"	1 x 36 x 4	435 LBS.	10	2'6"	6'3"
SQS 57-35	5" SQ.	35'	7 GA.	11"	1 x 36 x 4	494 LBS.	8	2'6"	6'0"
SQS 67-20	6" SQ.	20'	7 GA.	11"	1 x 36 x 4	363 LBS.	12	2'6"	5'6"
SQS 67-25	6" SQ.	25'	7 GA.	11"	1 x 36 x 4	435 LBS.	10	2'6"	6'0"
SQS 67-30	6" SQ.	30'	7 GA.	11"	1 x 36 x 4	507 LBS.	8	2'6"	6'6"
SQS 67-35	6" SQ.	35'	7 GA.	11"	1-1/8 x 40 x 4	579 LBS.	6	2'6"	6'9"
SQS 67-40	6" SQ.	40'	7 GA.	11"	1-1/4 x 44 x 4	637 LBS.	6	2'6"	7'0"
SQS 87-30	8" SQ.	30'	7 GA.	15"	1-1/8 x 40 x 4	721 LBS.	15	ON APPLICATION	
SQS 87-35	8" SQ.	35'	7 GA.	15"	1-1/8 x 40 x 4	810 LBS.	12		
SQS 87-40	8" SQ.	40'	7 GA.	15"	1-1/4 x 44 x 4	896 LBS.	10		
SQS 87-45	8" SQ.	45'	7 GA.	15"	1-1/4 x 44 x 4	1012 LBS.	8		
SQS 87-50	8" SQ.	50'	7 GA.	15"	1-1/2 x 54 x 6	1121 LBS.	6		
SQS 83-40	8" SQ.	40'	3 GA.	15"	1-1/2 x 54 x 6	1200 LBS.	14		
SQS 83-45	8" SQ.	45'	3 GA.	15"	1-1/2 x 54 x 6	1353 LBS.	12		
SQS 83-50	8" SQ.	50'	3 GA.	15"	1-1/2 x 54 x 6	1480 LBS.	8		

SERIES WLR

WLR Series are straight round steel poles.

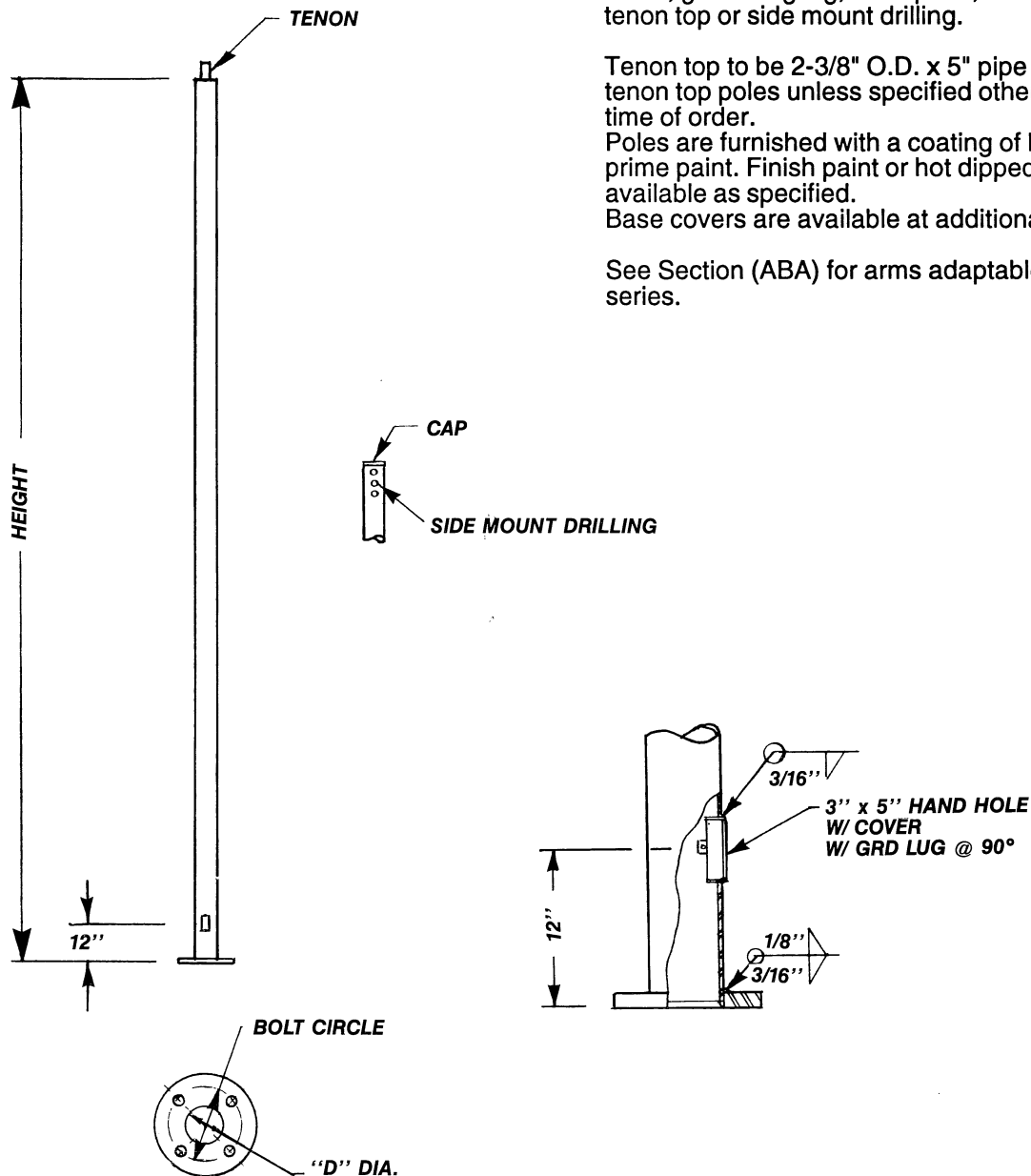
All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts, tenon top or side mount drilling.

Tenon top to be 2-3/8" O.D. x 5" pipe on all tenon top poles unless specified otherwise at time of order.

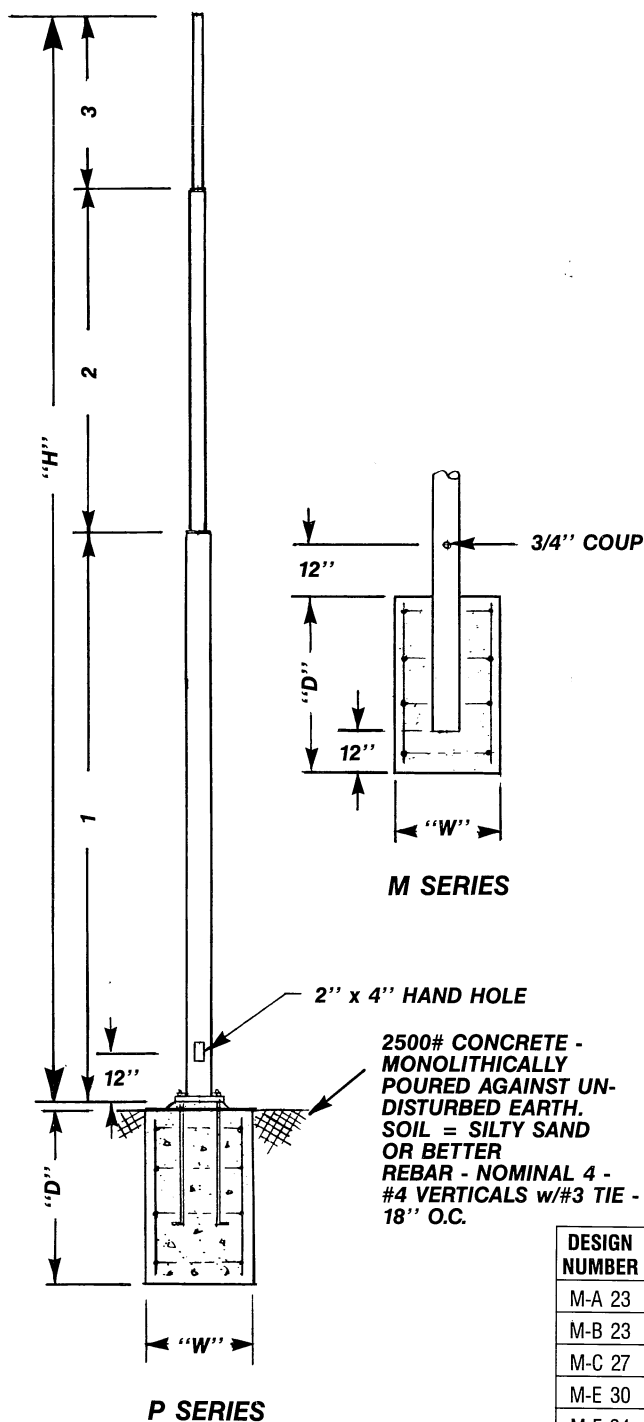
Poles are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified.

Base covers are available at additional cost.

See Section (ABA) for arms adaptable to this series.



DESIGN NUMBER	HEIGHT	D PIPE SIZE	BASE PLATE	BOLT CIRCLE	ANCHOR BOLTS	SHIPPING WEIGHT	E.P.A. SQ. FT.
WLR-8	8'-0"	3" or 4"	10"Ø	8"	1/2" x 18" x 3"	68#	8
WLR-10	10'-0"	3" or 4"	10"Ø	8"	1/2" x 18" x 3"	82#	6
WLR-12	12'-0"	3" or 4"	10"Ø	8"	1/2" x 18" x 3"	96#	6
WLR-14	14'-0"	3" or 4"	10"Ø	8"	3/4" x 24" x 3"	110#	6
WLR-16	16'-0"	3" or 4"	10"Ø	8"	3/4" x 24" x 3"	124#	6
WLR-18	18'-0"	4" or 4-1/2"	10"Ø	8"	3/4" x 36" x 4"	173#	6
WLR-20	20'-0"	4" or 4-1/2"	10"Ø	8"	3/4" x 36" x 4"	190#	6



SERIES STREAMLINE

Streamline Series are steel pipe sectional poles.

All poles are equipped with handhole and cover, grounding lug, tenon top or side mount drilling. Base plate and anchor bolts are supplied on "P" series poles only. Tenon top to be 2-3/8" O.D. x 5" pipe on all tenon top poles unless specified otherwise at time of order. Poles are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified. Base covers are available at additional cost.

See Section (ABA) for arms adaptable to this series.

DESIGN NUMBER	MOUNTING HEIGHT	SECTIONS			SHIPPING WEIGHT	E.P.A. SQ.FT	FOOTING*	
		1	2	3			W	D
M-A 23	20'	2-1/2"	2"	1-1/2"	120#	4	2'-6"	4'-0"
M-B 23	20'	3"	2-1/2"	2"	168#	7	2'-6"	4'-0"
M-C 27	24'	4"	2-1/2"	2"	200#	7	2'-6"	4'-0"
M-E 30	27'	4"	3"	2"	276#	8	2'-6"	5'-0"
M-F 34	30'	5"	3"	2"	398#	9	3'-0"	5'-0"

DESIGN NUMBER	“H” HEIGHT	SECTIONS				BASE SIZE	BOLT CIRCLE	ANCHOR BOLTS	SHIPPING WEIGHT	E.P.A. SQ. FT.	FOOTING*	
		1	2	3	4						W	D
P-A 20	20'-0"	2-1/2"	2"	1-1/2"		10"	10"	3/4" x 36" x 4"	104#	4	2'-6"	4'-0"
P-B 20	20'-0"	3"	2-1/2"	2"		10"	10"	3/4" x 36" x 4"	162#	7	2'-6"	4'-0"
P-C 24	24'-0"	4"	2-1/2"	2"		10"	10"	3/4" x 36" x 4"	202#	7	2'-6"	4'-0"
P-E 27	27'-0"	4"	3"	2"		10"	10"	1" x 36" x 4"	270#	7	2'-6"	4'-0"
P-F 30	30'-0"	5"	3"	2"		11-1/2"	11"	1" x 36" x 4"	396#	8	3'-0"	5'-0"
P-G 35	35'-0"	5"	3"	2-1/2"	2"	11-1/2"	11"	1" x 36" x 4"	442#	8	3'-0"	6'-0"
P-H 40	40'-0"	5"	3-1/2"	2-1/2"	2"	11-1/2"	11"	1" x 36" x 4"	478#	8	3'-0"	6'-0"

SERIES CST

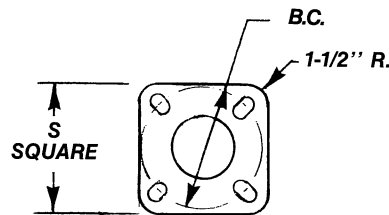
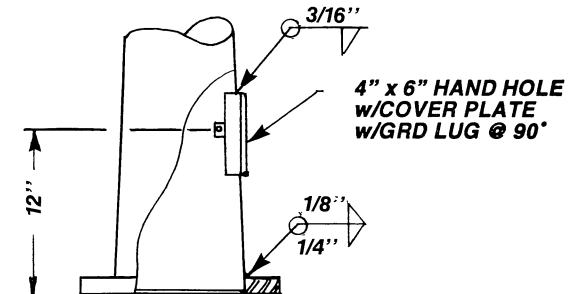
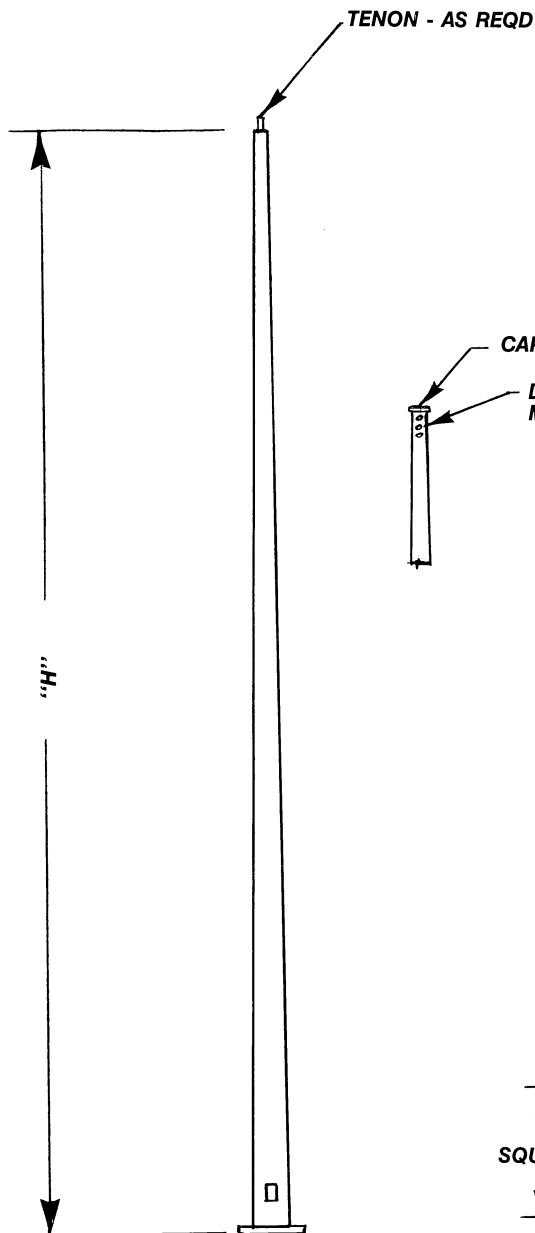
CST Series are round tapered steel poles.

All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts, tenon top or side mount drilling.

Tenon top to be 2-3/8" O.D. x 5" pipe on all tenon top poles unless specified otherwise at time of order. Poles are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified.

Base covers are available at additional cost.

See Section (ABA) for arms adaptable to this series.



DESIGN NUMBER	MOUNTING HEIGHT "H"	DIMENSIONS				ANCHOR BOLTS (4)	APPROX SHIPPING WT.	MAXIMUM LOADING		
		BOTTOM DIA.	TOP DIA.	"S" BASE SIZE	BOLT CIRCLE			MAX. FIX. WEIGHT	100 MPH PROJ. AREA	80 MPH PROJ. AREA
CST-15	15'	5.0	3.0	10-1/2	11"	3/4 x 24	112	300	8	12
CST-18	18'	6.4	3.5	10-1/2	11"	3/4 x 36	160	450	8	12
CST-20	20'	6.4	3.5	10-1/2	11"	3/4 x 36	180	450	8	12
CST-22	22'	7.1	3.8	10-1/2	11"	3/4 x 36	200	450	8	12
CST-25	25'	7.1	3.7	10-1/2	11"	1 x 36	240	450	6	12
CST-30	30'	8.1	3.8	11-1/2	11"	1 x 36	275	450	6	8
CST-35	35'	8.5	3.5	11-1/2	11-1/2"	1 x 36	300	450	4	8
CST-40	40'	9.1	3.3	13	13"	1 x 36	400	450	4	8

SERIES SQT

SQT Series are square steel tapered poles.

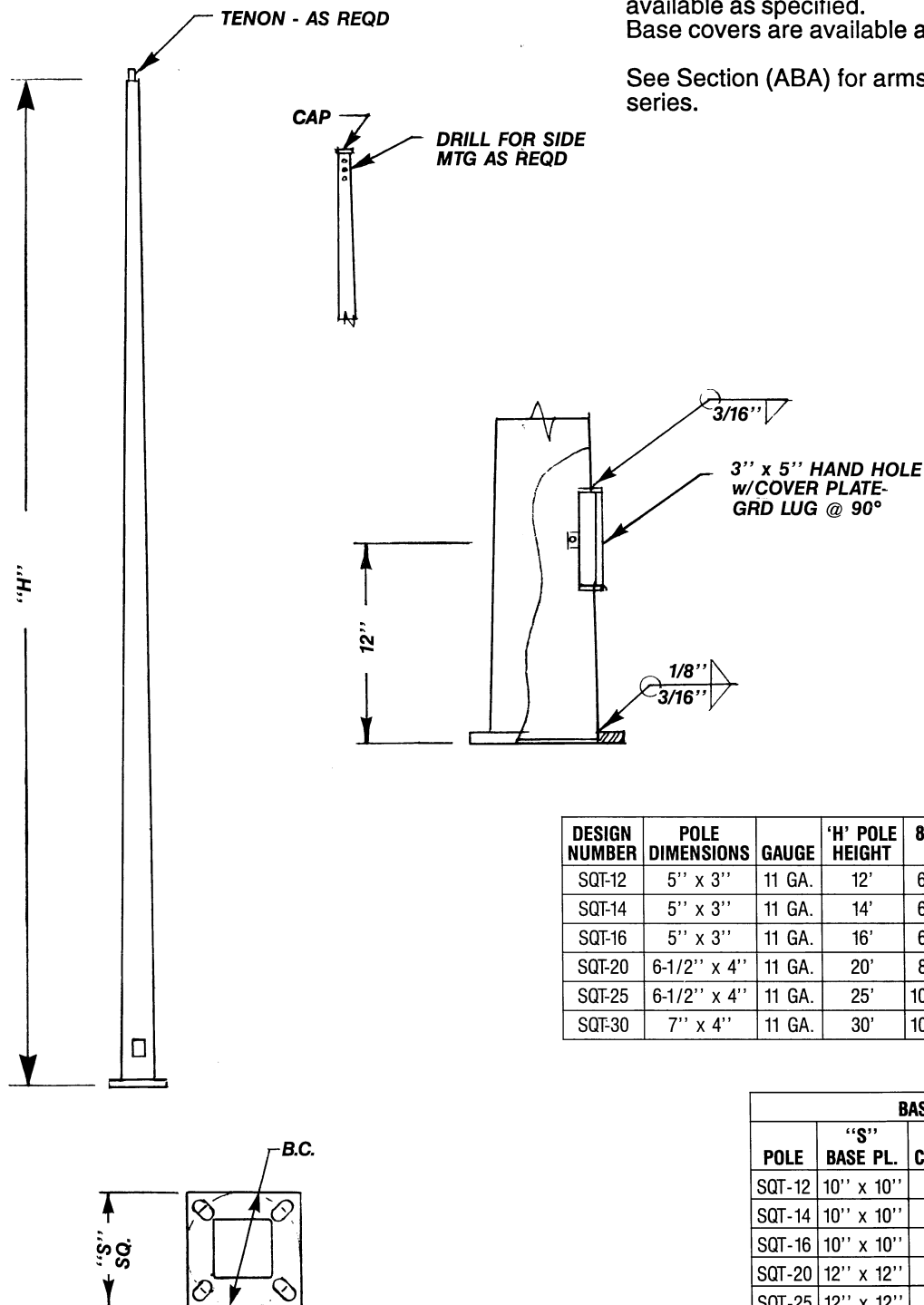
All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts, tenon top or side mount drilling.

Tenon top to be 2-3/8" O.D. x 5" pipe on all tenon top poles unless specified otherwise at time of order.

Poles are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified.

Base covers are available at additional cost.

See Section (ABA) for arms adaptable to this series.



DESIGN NUMBER	POLE DIMENSIONS	GAUGE	'H' POLE HEIGHT	80 MPH E.P.A.	SHIPPING WT.
SQT-12	5" x 3"	11 GA.	12'	6 Sq. Ft.	110 lbs.
SQT-14	5" x 3"	11 GA.	14'	6 Sq. Ft.	120 lbs.
SQT-16	5" x 3"	11 GA.	16'	6 Sq. Ft.	130 lbs.
SQT-20	6-1/2" x 4"	11 GA.	20'	8 Sq. Ft.	140 lbs.
SQT-25	6-1/2" x 4"	11 GA.	25'	10 Sq. Ft.	205 lbs.
SQT-30	7" x 4"	11 GA.	30'	10 Sq. Ft.	250 lbs.

BASE DATA			
POLE	"S" BASE PL.	BOLT CIRCLE	ANCHOR BOLTS
SQT-12	10" x 10"	10"	3/4" x 24" x 3"
SQT-14	10" x 10"	10"	3/4" x 24" x 3"
SQT-16	10" x 10"	10"	3/4" x 24" x 3"
SQT-20	12" x 12"	13"	3/4" x 36" x 4"
SQT-25	12" x 12"	13"	1" x 36" x 4"
SQT-30	12" x 12"	13"	1" x 36" x 4"

SERIES SQH 4"

SQH Series are straight square steel poles. - HINGED

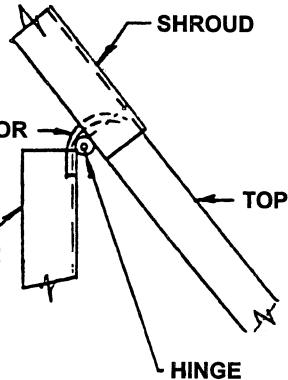
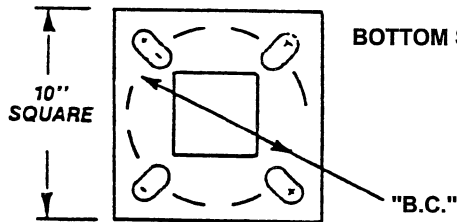
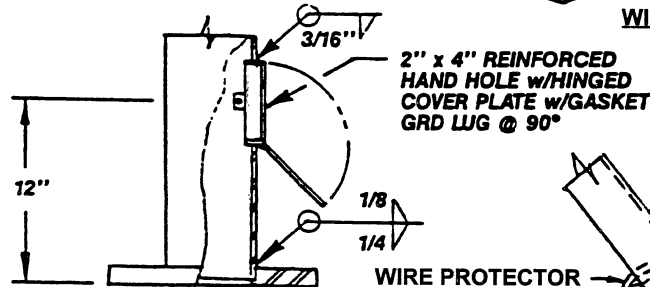
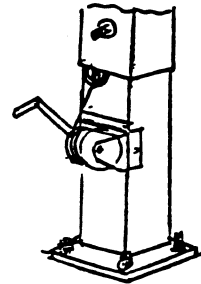
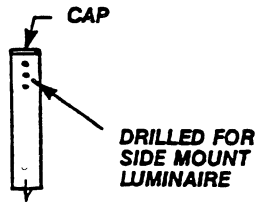
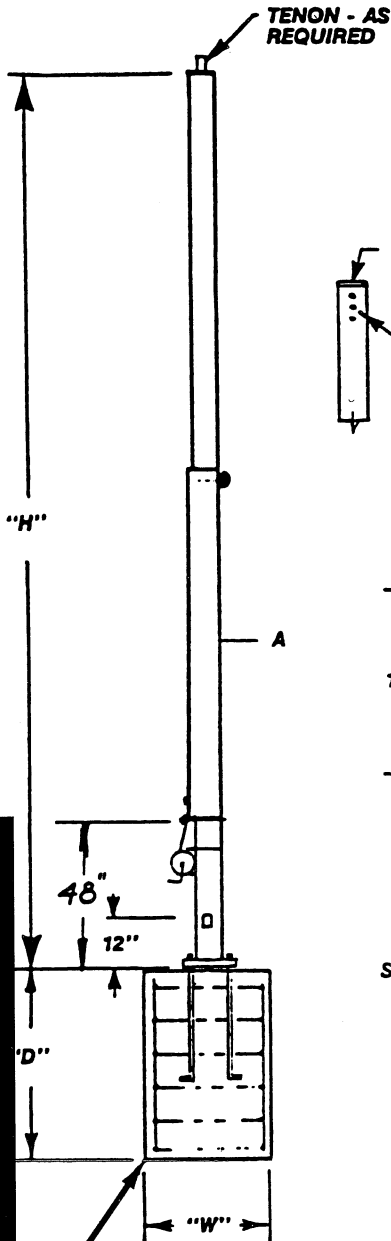
All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts, tenon top or side mount drilling.

Tenon top to be 2-3/8" O.D. x 5" pipe on all tenon top poles unless specified otherwise at time of order.

Poles are furnished with a coating of brown zinc chromate prime paint. Air dry enamel finish paint or hot dipped galvanize available as specified.

Base covers are available at additional cost.

See Section (ABA) for arms adaptable to this series.



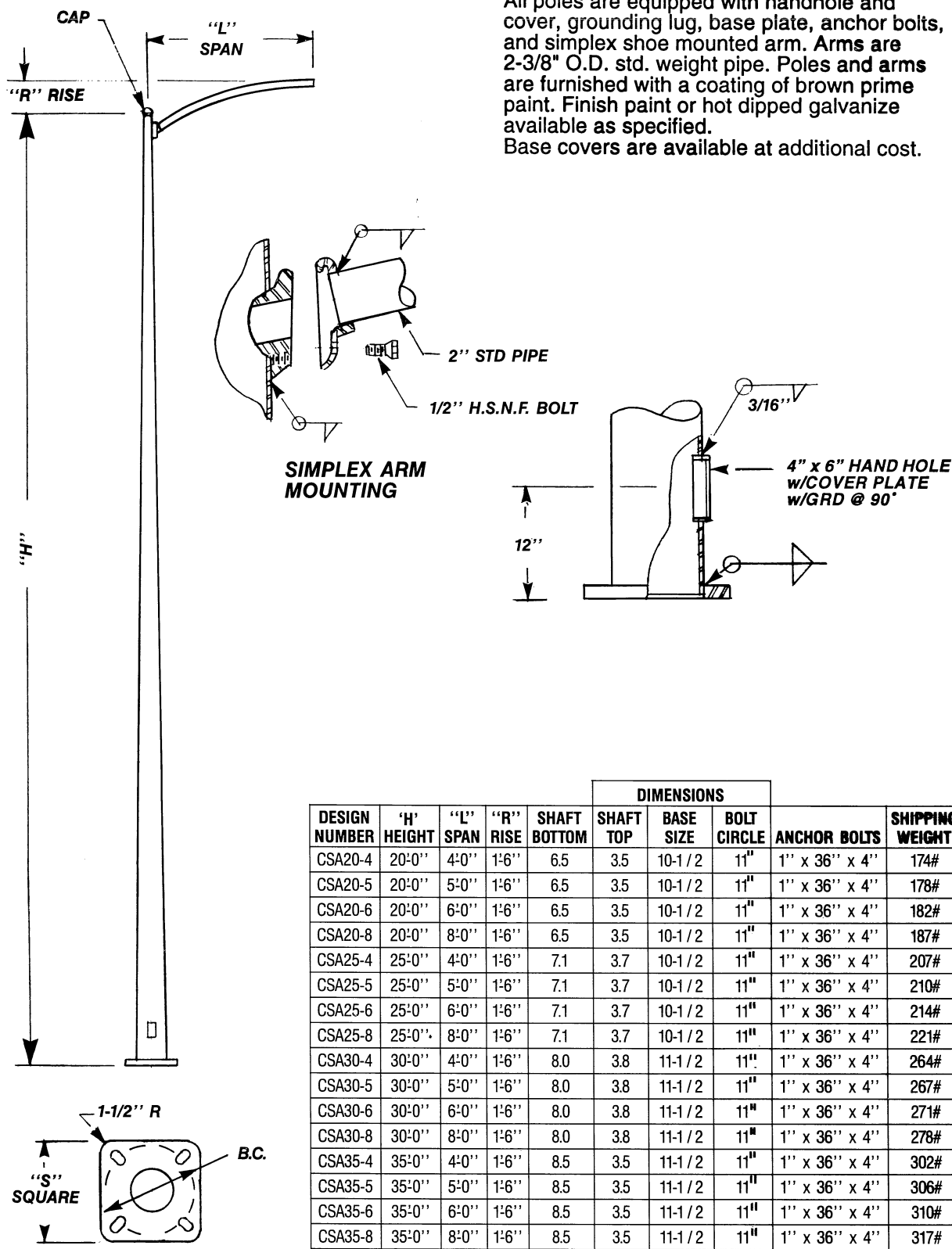
2500# CONCRETE - MONOLITHICALLY POURED AGAINST UN-DISTURBED EARTH. SOIL = SILTY SAND OR BETTER REBAR - NOMINAL 4 - #4 VERTICALS W/#3 TIE - 18" O.C.

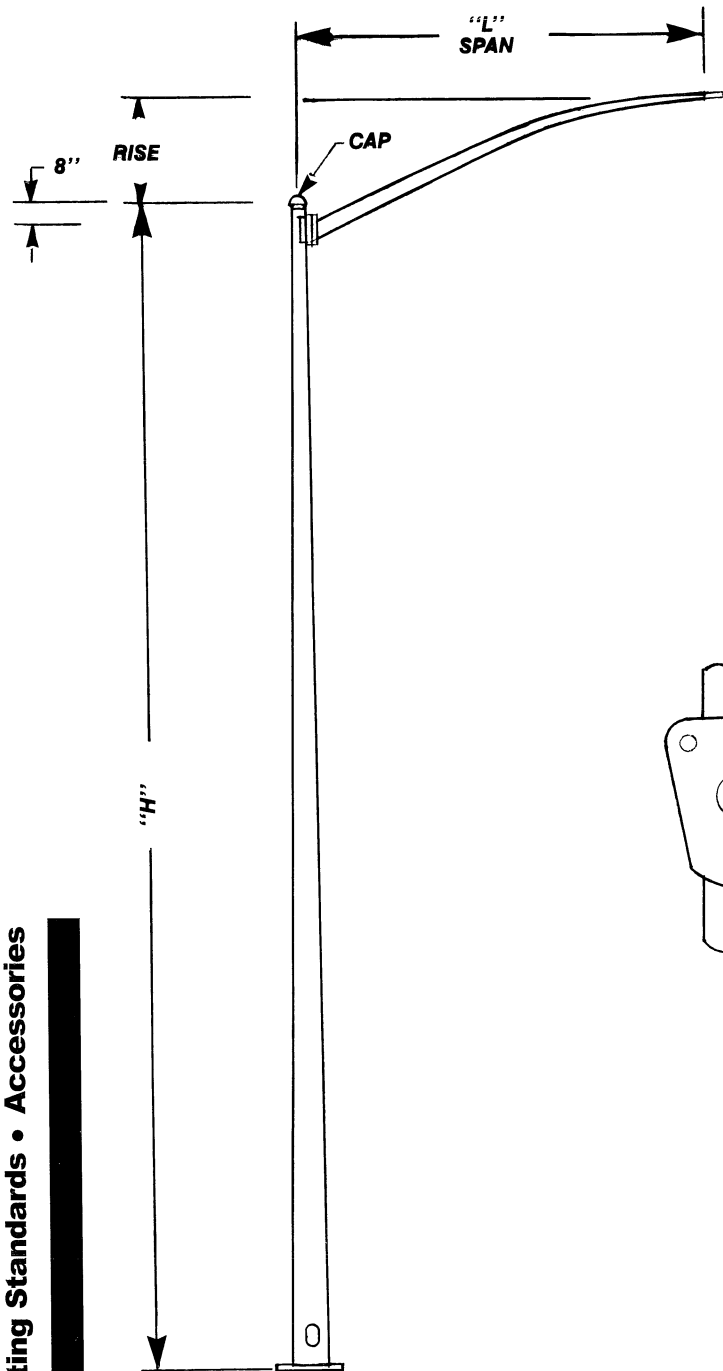
DESIGN NUMBER	A SHAFT	H HEIGHT	GAUGE	BOLT CIRCLE	ANCHOR BOLTS	SHIPPING WEIGHT	80 MPH E.P.A. SQ. FT.	W	D	80 MPH
SQH 411-8	4" SQ.	8'	11 GA.	8-10"	3/4 x 24 x 3	76 LBS.	9	2'-0"	3'-6"	165 LBS.
SQH 411-10	4" SQ.	10'	11 GA.	8-10"	3/4 x 24 x 3	89 LBS.	9	2'-0"	4'-3"	165 LBS.
SQH 411-12	4" SQ.	12'	11 GA.	8-10"	3/4 x 24 x 3	102 LBS.	9	2'-0"	4'-6"	165 LBS.
SQH 411-14	4" SQ.	14'	11 GA.	8-10"	3/4 x 24 x 3	114 LBS.	8	2'-0"	4'-6"	150 LBS.
SQH 411-16	4" SQ.	16'	11 GA.	8-10"	3/4 x 24 x 3	127 LBS.	8	2'-0"	5'-0"	150 LBS.
SQH 411-18	4" SQ.	18'	11 GA.	8-10"	3/4 x 24 x 3	139 LBS.	8	2'-0"	5'-0"	150 LBS.
SQH 411-20	4" SQ.	20'	11 GA.	8-10"	3/4 x 36 x 4	152 LBS.	6	2'-0"	5'-3"	135 LBS.
SQH 411-24	4" SQ.	24'	11 GA.	8-10"	3/4 x 36 x 4	178 LBS.	6	2'-0"	5'-6"	135 LBS.
SQH 47-20	4" SQ.	20'	7 GA.	8-10"	3/4 x 36 x 4	219 LBS.	10	2'-6"	5'-0"	180 LBS.
SQH 47-25	4" SQ.	25'	7 GA.	8-10"	1 x 36 x 4	265 LBS.	10	2'-6"	5'-6"	180 LBS.

SERIES CSA

CSA Series are round tapered steel poles with mast arms.

All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts, and simplex shoe mounted arm. Arms are 2-3/8" O.D. std. weight pipe. Poles and arms are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified. Base covers are available at additional cost.



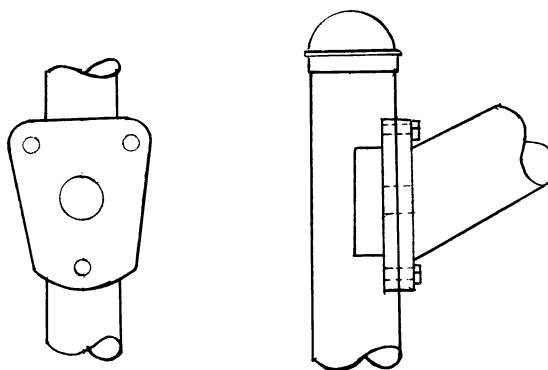


SERIES SLS

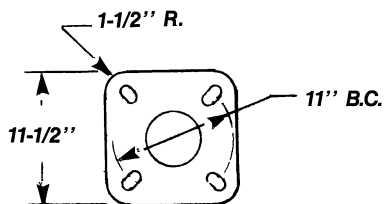
SLS Series are round tapered steel poles with round tapered steel arms.

All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts, tapered arm, and pole top cap. Poles are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified.

Base covers are available at additional cost.



ARM
ATTACHMENT



DESIGN NO.	SHAFT SIZE	TYPE	MTG. HGT.	WT.
SLS30-L	8.0 x 3-7/8 x 30'-0"	XV	SEE	310
SLS35-L	8.5 x 3-7/8 x 35'-0"	XXI	BELOW	360

LUMINAIRE ARM DATA

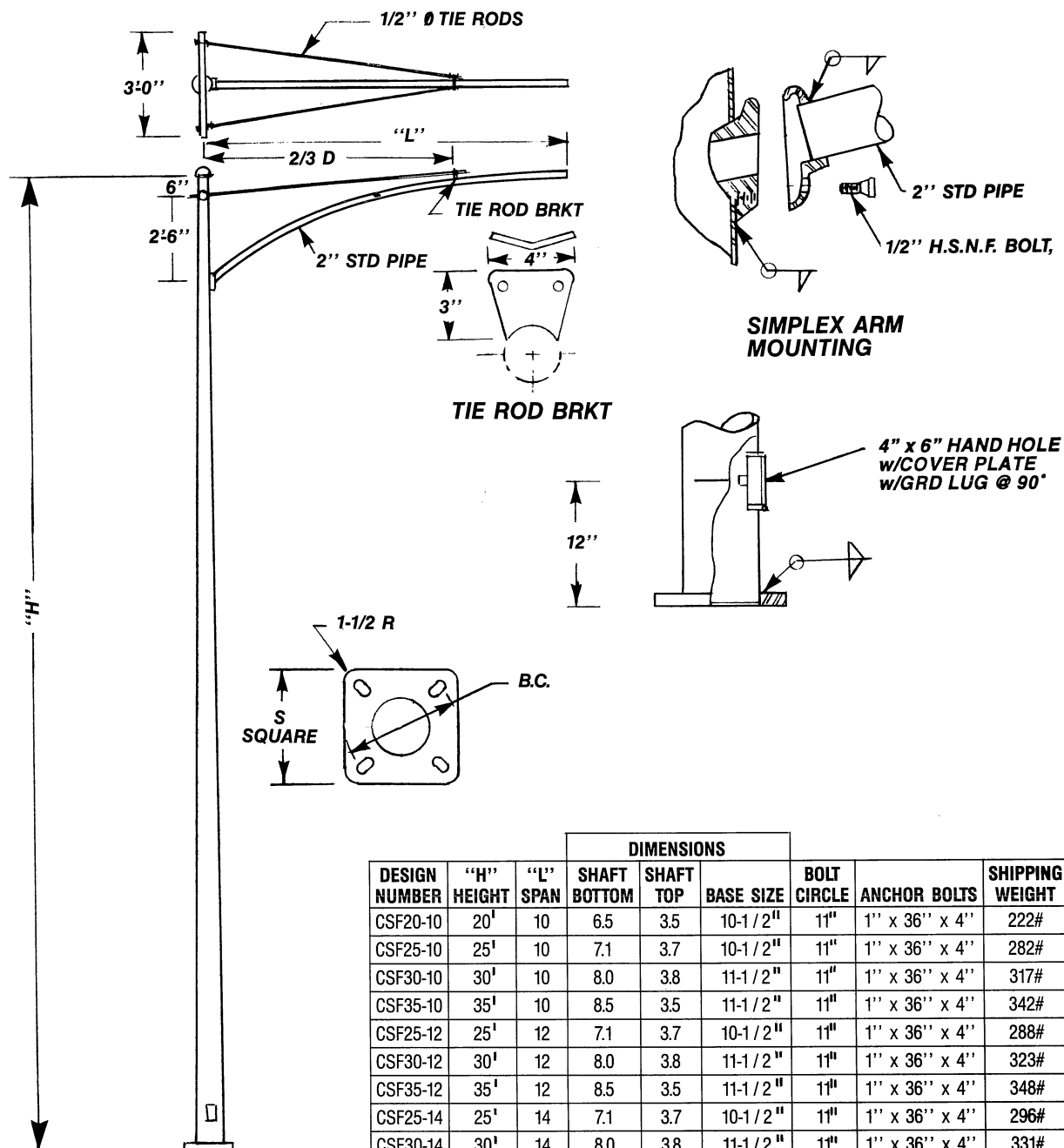
ARM SPAN "L"	SHAFT SIZE	RISE
6'-0"	3-1/4 x 2-3/8 x 6'-3"	2'-0"
8'-0"	3-3/8 x 2-3/8 x 8'-4"	2'-6"
10'-0"	3-5/8 x 2-3/8 x 10'-6"	3'-3"
12'-0"	3-7/8 x 2-3/8 x 12'-8"	4'-3"
15'-0"	4 x 2-3/8 x 14'-0"	4'-9"

SERIES CSF

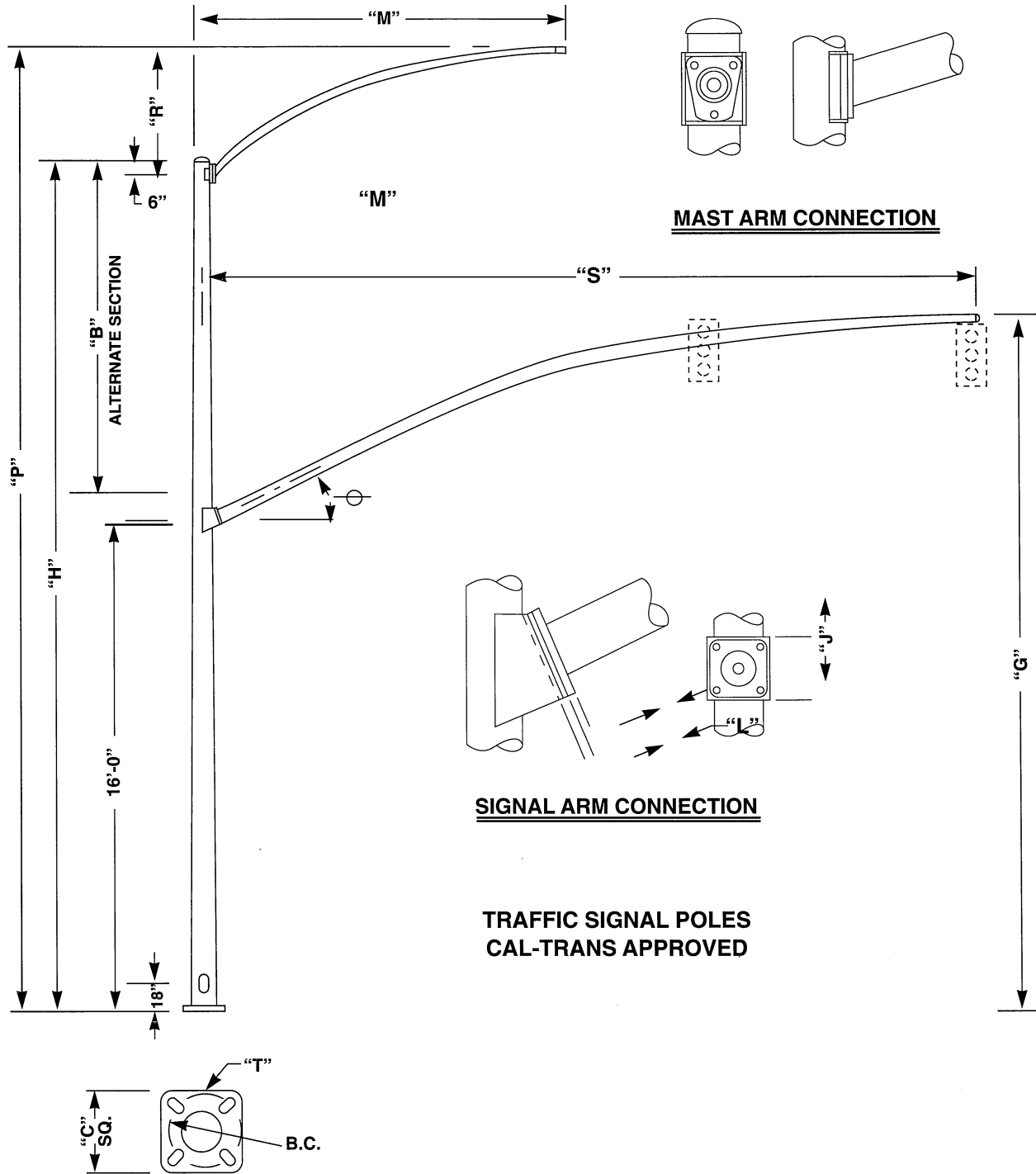
CSF Series are round tapered steel poles with mast arms supported by tie rods.

All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts, simplex shoe mounted arm and tie rods. Arms are 2-3/8" O.D. std. weight pipe. Poles are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified.

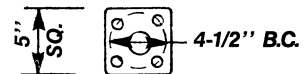
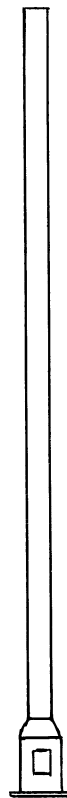
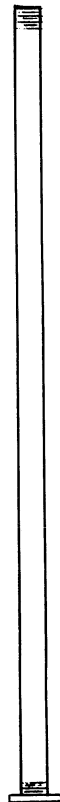
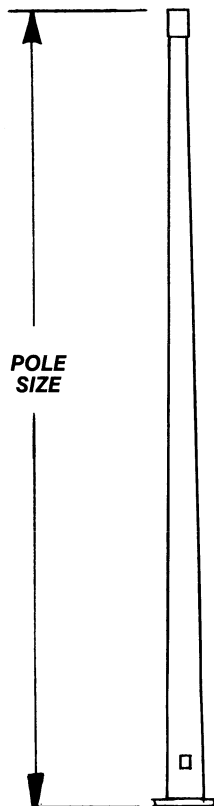
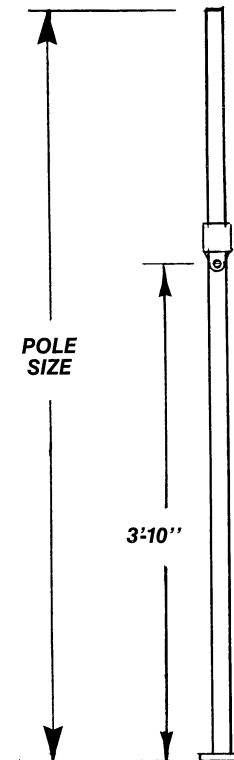
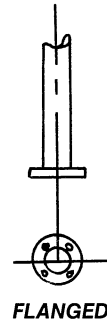
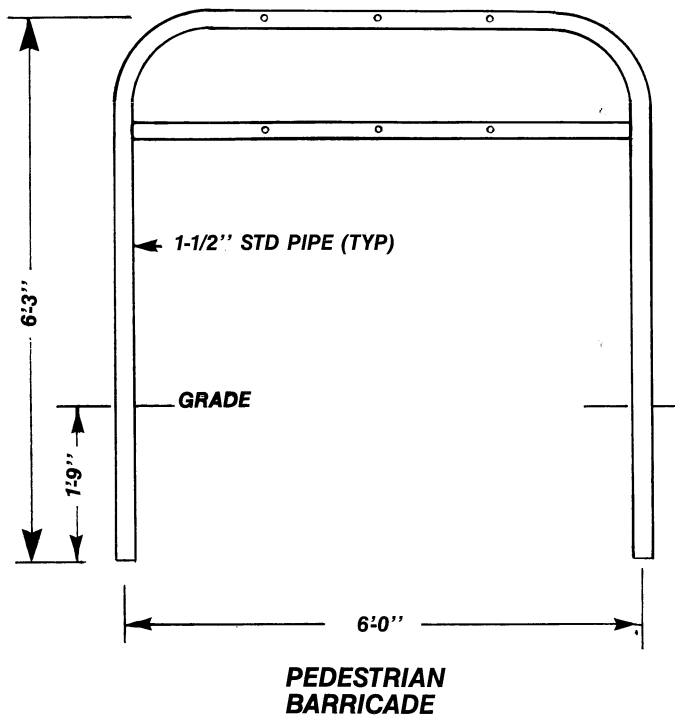
Base covers are available at additional cost.



DESIGN NUMBER	"H" HEIGHT	"L" SPAN	DIMENSIONS			BOLT CIRCLE	ANCHOR BOLTS	SHIPPING WEIGHT
			SHAFT BOTTOM	SHAFT TOP	BASE SIZE			
CSF20-10	20'	10	6.5	3.5	10-1/2"	1"	1" x 36" x 4"	222#
CSF25-10	25'	10	7.1	3.7	10-1/2"	1"	1" x 36" x 4"	282#
CSF30-10	30'	10	8.0	3.8	11-1/2"	1"	1" x 36" x 4"	317#
CSF35-10	35'	10	8.5	3.5	11-1/2"	1"	1" x 36" x 4"	342#
CSF25-12	25'	12	7.1	3.7	10-1/2"	1"	1" x 36" x 4"	288#
CSF30-12	30'	12	8.0	3.8	11-1/2"	1"	1" x 36" x 4"	323#
CSF35-12	35'	12	8.5	3.5	11-1/2"	1"	1" x 36" x 4"	348#
CSF25-14	25'	14	7.1	3.7	10-1/2"	1"	1" x 36" x 4"	296#
CSF30-14	30'	14	8.0	3.8	11-1/2"	1"	1" x 36" x 4"	331#
CSF35-14	35'	14	8.5	3.5	11-1/2"	1"	1" x 36" x 4"	356#
CSF30-16	30'	16	8.0	3.8	11-1/2"	1"	1" x 36" x 4"	339#
CSF35-16	35'	16	8.5	3.5	11-1/2"	1"	1" x 36" x 4"	364#

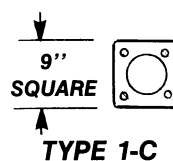
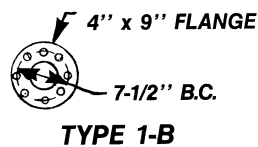
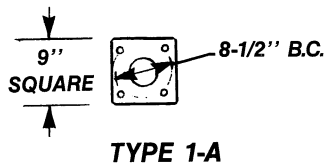


DEPT. OF TRANS. SERIES



**PPB - PEDESTRIAN
PUSH BUTTON**

CATALOG NO.	POLE SIZE	B.C.
RT10-1-A	5.5 x 4.0 x 10'-11GA	8-1/2"
RT7-1-A	5.5 x 4.0 x 7'-11GA	8-1/2"
R10-1-B	4 STD PIPE x 10'-0"	7-1/2"
R7-1-B	4 STD PIPE x 7'-0"	7-1/2"
R10-1-C	4 STD PIPE	8-1/2"
R7-1-C	4 STD PIPE	8-1/2"
PPB-4.7	2-1/2 STD PIPE	4-1/2"
PPB-10	2-1/2 STD PIPE	4-1/2"



SERIES CST 50-100

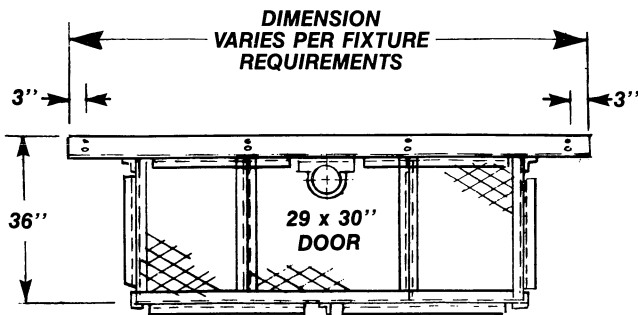
CST Series are round tapered steel poles.

All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts; service platform, angle frame or pipe arms as specified.

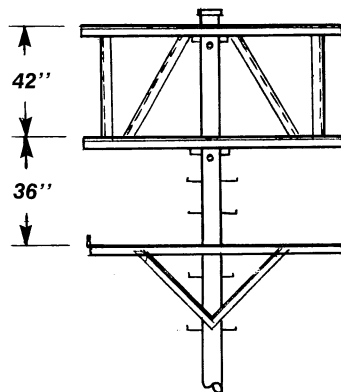
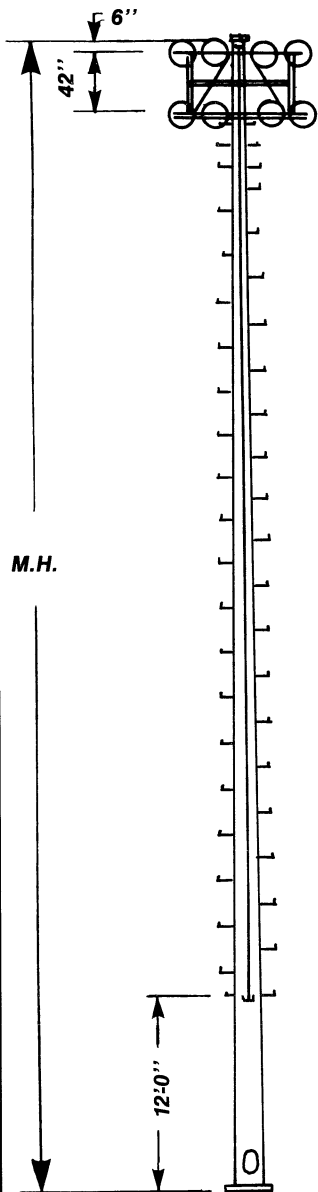
Steps and safety climbing device available upon request.

Poles are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified.

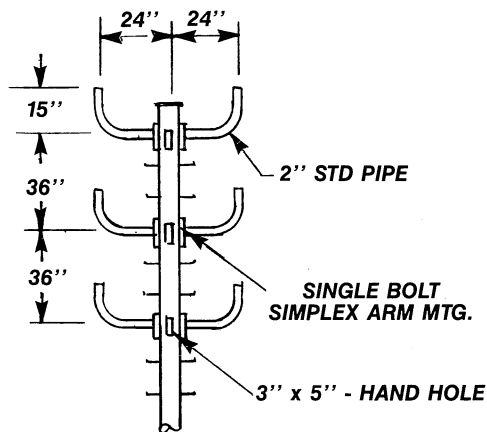
Shop drawings will be furnished for approval upon placement of order. Building code pertaining to job must be furnished at time of inquiry.



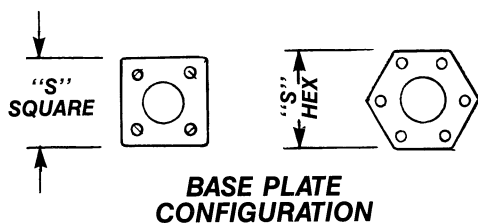
CAGE CONFIGURATION



ANGLE FRAME WITH STAND-BAR

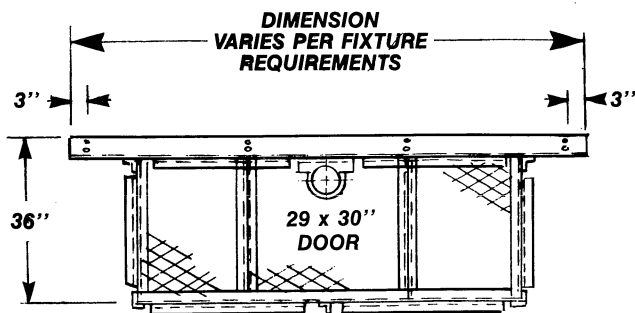


TENON ARM SLIPFITTER

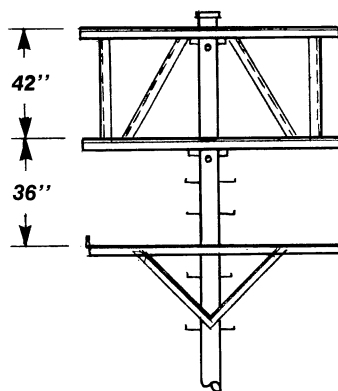
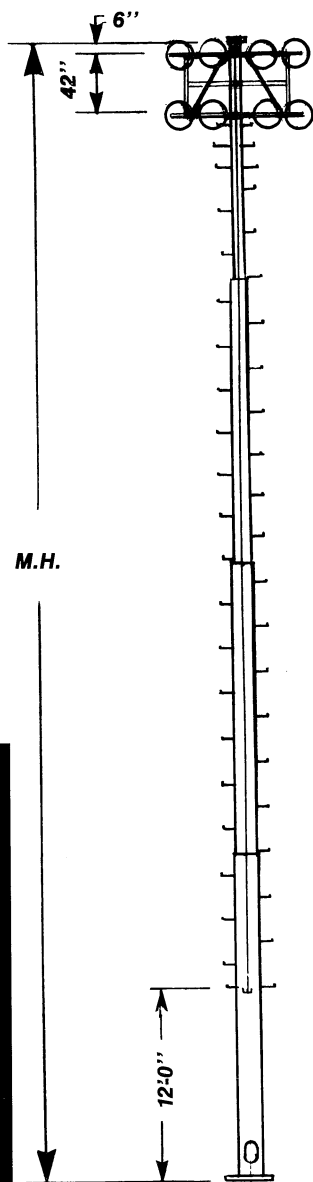


DESIGN NO.	M.H.	"S"	E.P.A.	A/BOLTS
CST 50	50'-0"			
CST 55	55'-0"			
CST 60	60'-0"			
CST 65	65'-0"			
CST 70	70'-0"			
CST 75	75'-0"			
CST 80	80'-0"			
CST 90	90'-0"			
CST 100	100'-0"			

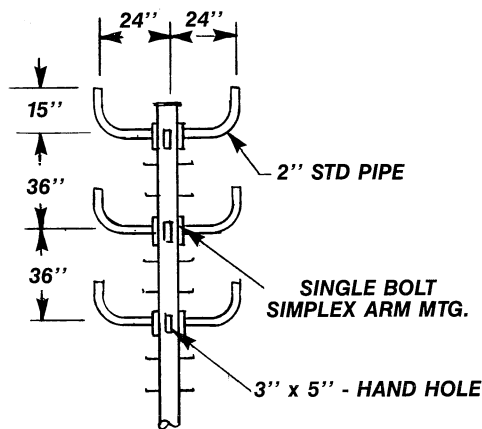
AS REQUIRED PER SPECIFICATIONS



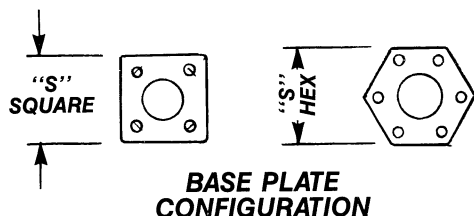
CAGE CONFIGURATION



ANGLE FRAME WITH STAND-BAR



TENON ARM SLIPFITTER



SERIES 1300BFL

1300 BFL Series are large diameter steel pipe sectional poles.

All poles are equipped with handhole and cover, grounding lug, base plate, anchor bolts; service platform, angle frame or pipe arms as specified.

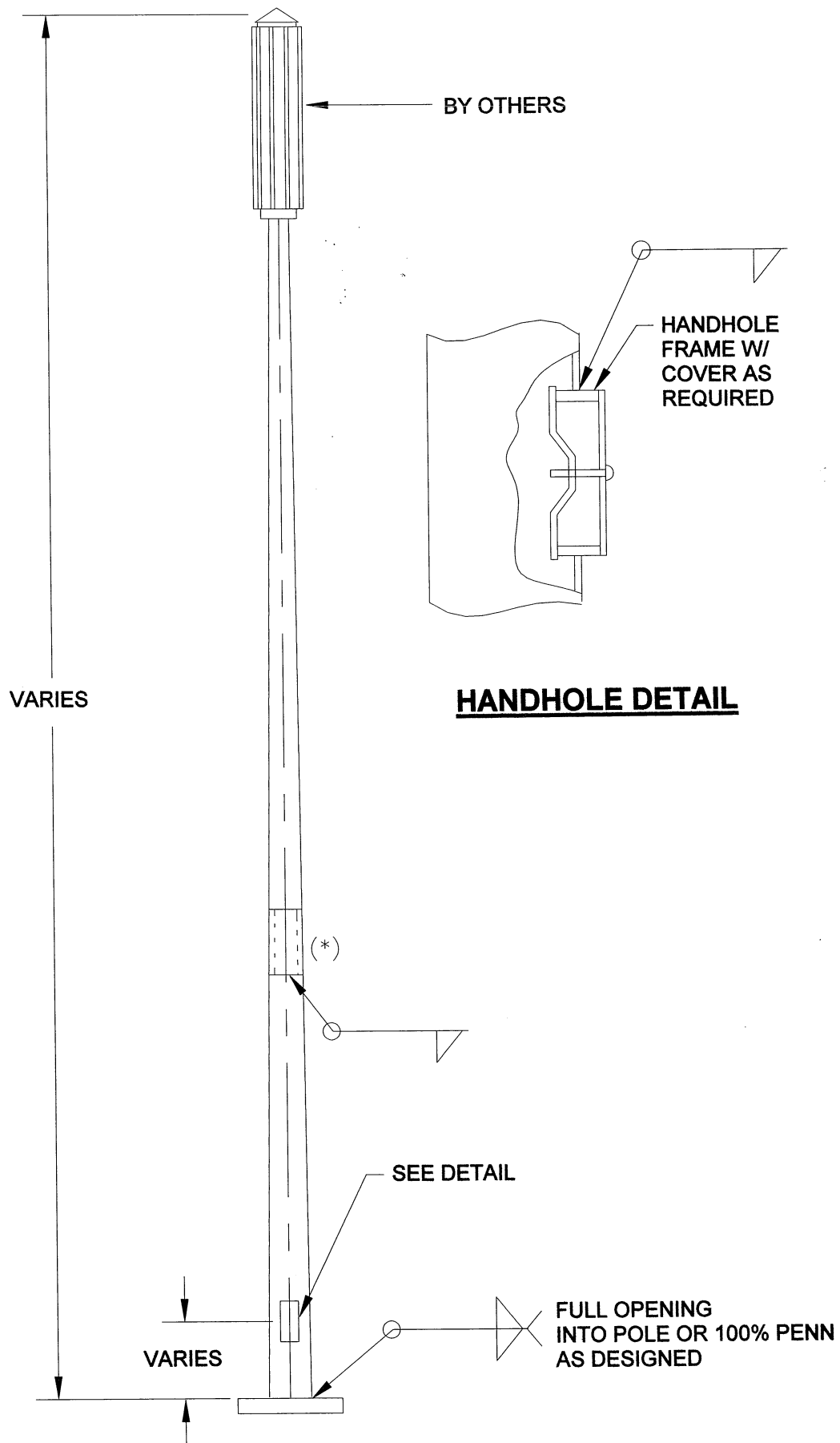
Steps and safety climbing device available upon request.

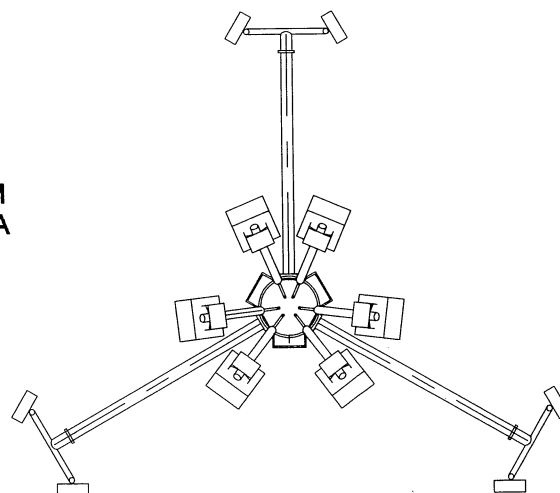
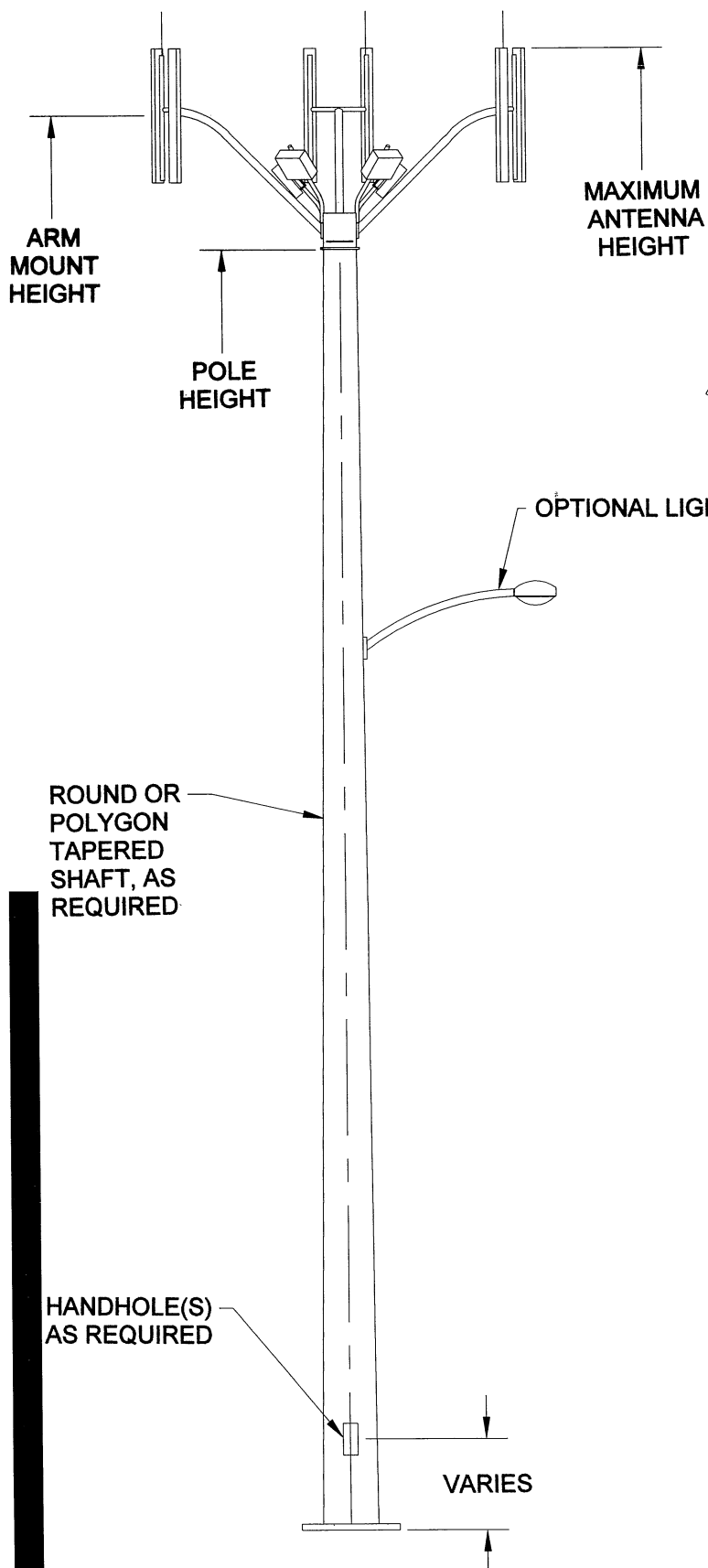
Poles are furnished with a coating of brown prime paint. Finish paint or hot dipped galvanize available as specified.

Shop drawings will be furnished for approval upon placement of order. Building code pertaining to job must be furnished at time of inquiry.

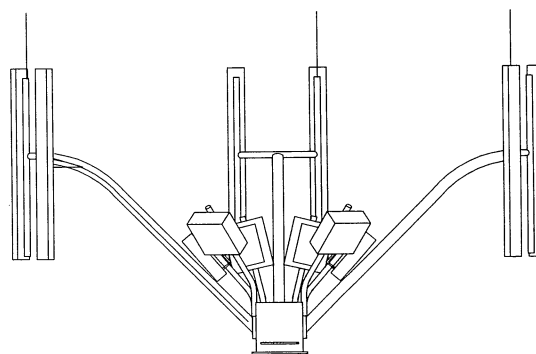
DESIGN NO.	M.H.	"S"	E.P.A.	A/BOLT
1300BFL-50	50'-0"			
1300BFL-55	55'-0"			
1300BFL-60	60'-0"			
1300BFL-65	65'-0"			
1300BFL-70	70'-0"			
1300BFL-75	75'-0"			
1300BFL-80	80'-0"			
1300BFL-90	90'-0"			
1300BFL-100	100'-0"			

AS REQUIRED PER SPECIFICATIONS



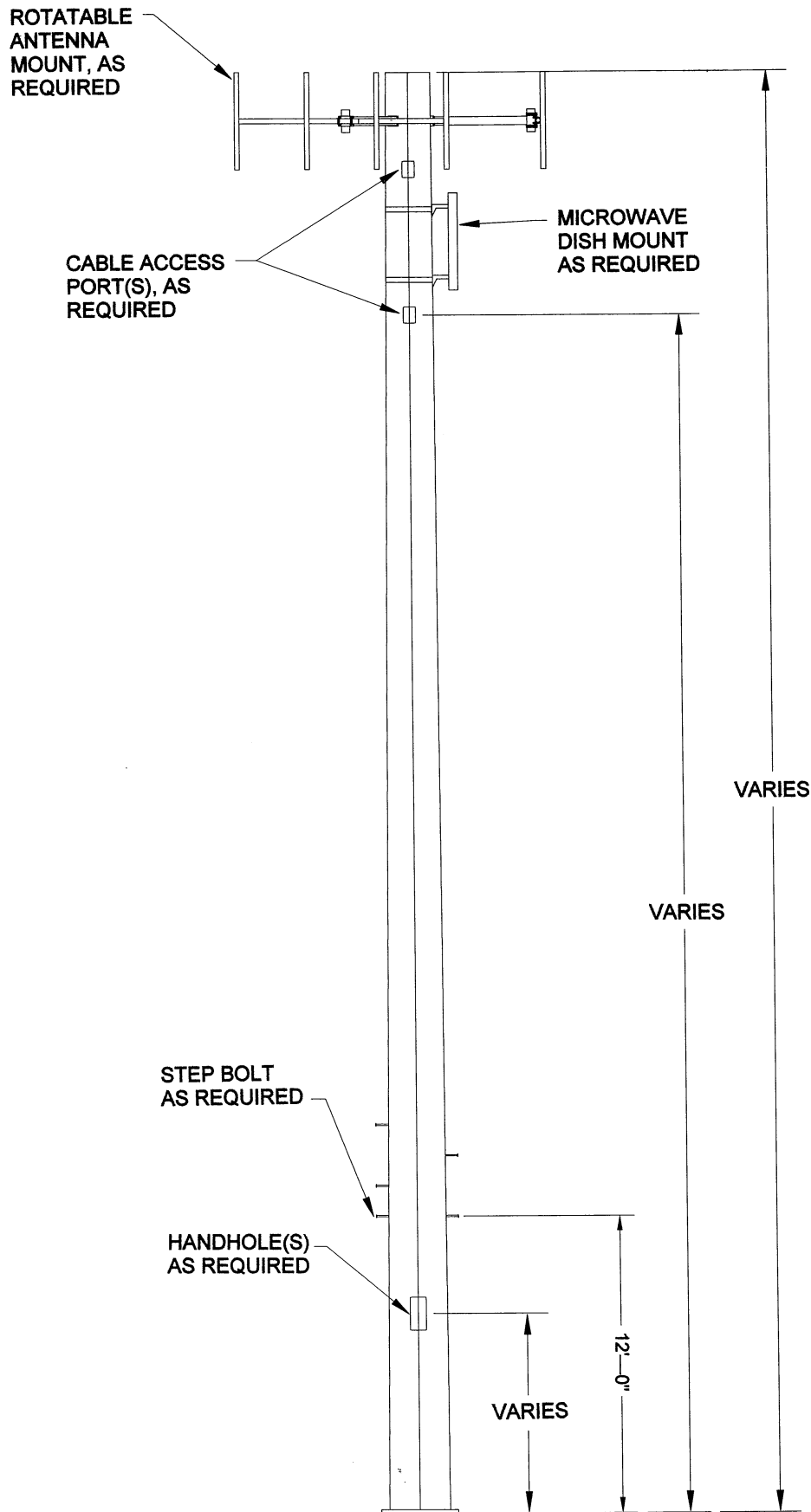


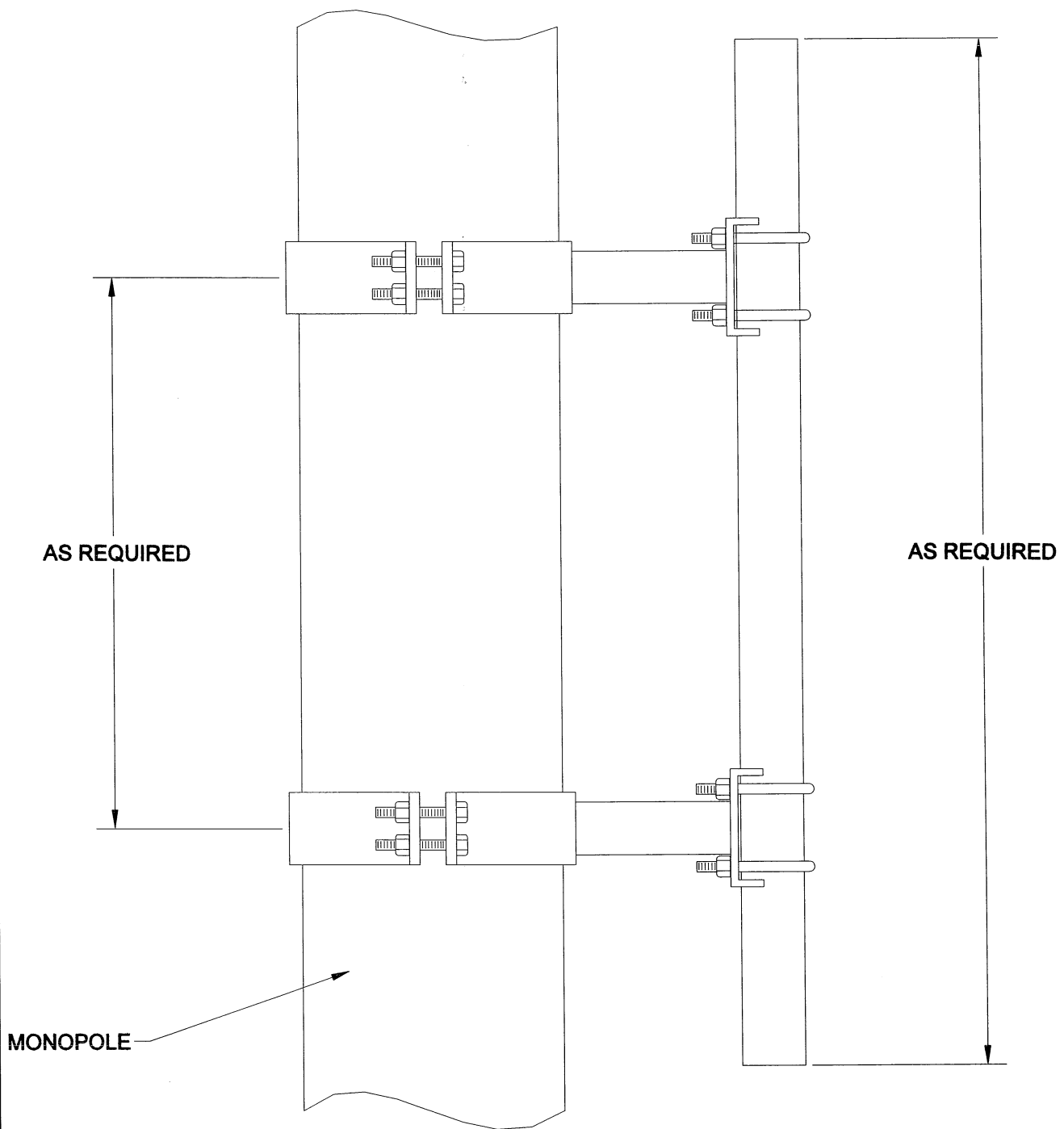
PLAN VIEW



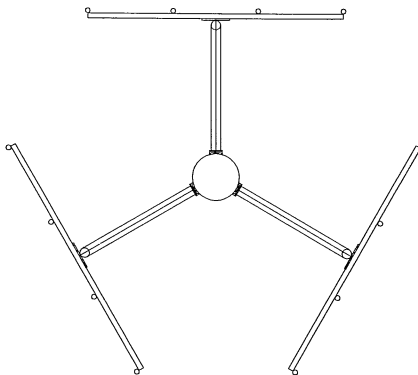
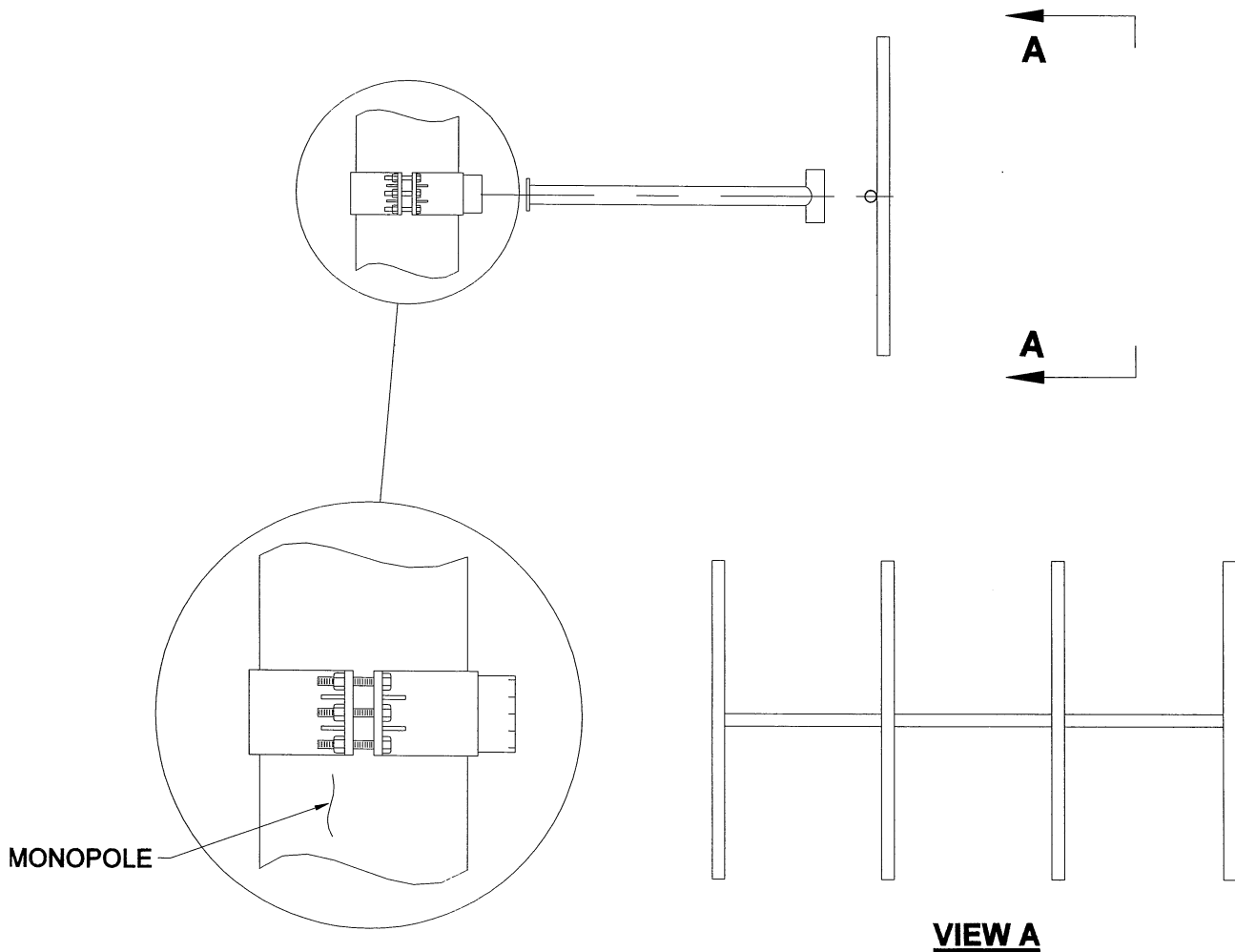
ANTENNA HEAD

POLE HEIGHT	ARM MOUNT HEIGHT	MAX. ANTENNA HEIGHT
23'—0"	27'—6"	30'—0"
28'—0"	32'—6"	35'—0"
33'—0"	37'—6"	40'—0"
38'—0"	42'—6"	45'—0"
43'—0"	47'—6"	50'—0"
48'—0"	52'—6"	55'—0"
53'—0"	57'—6"	60'—0"

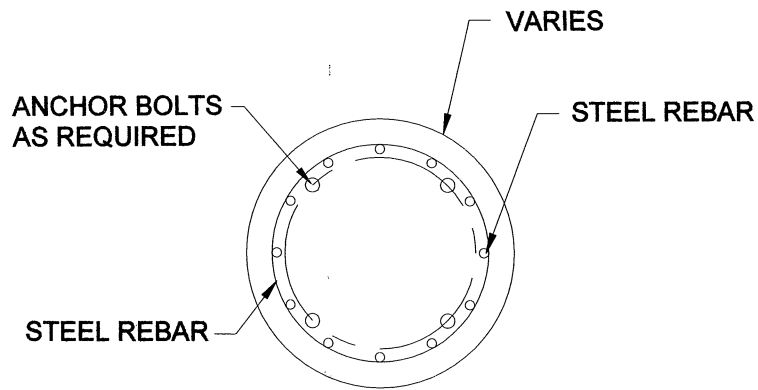




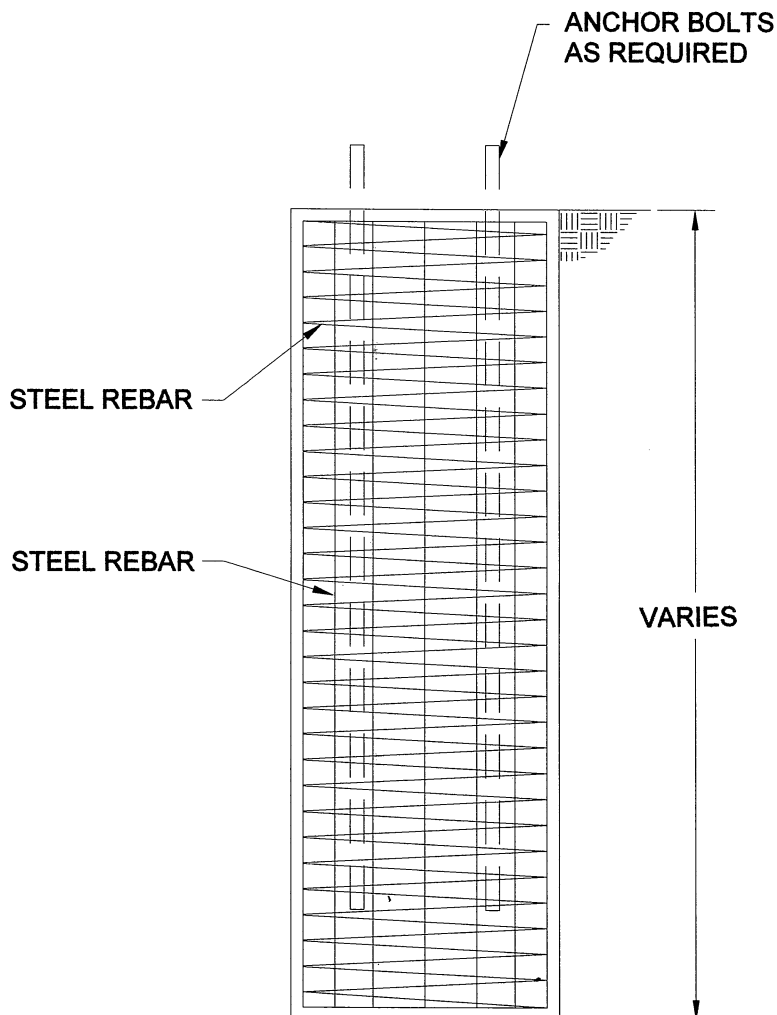
MICROWAVE MOUNT



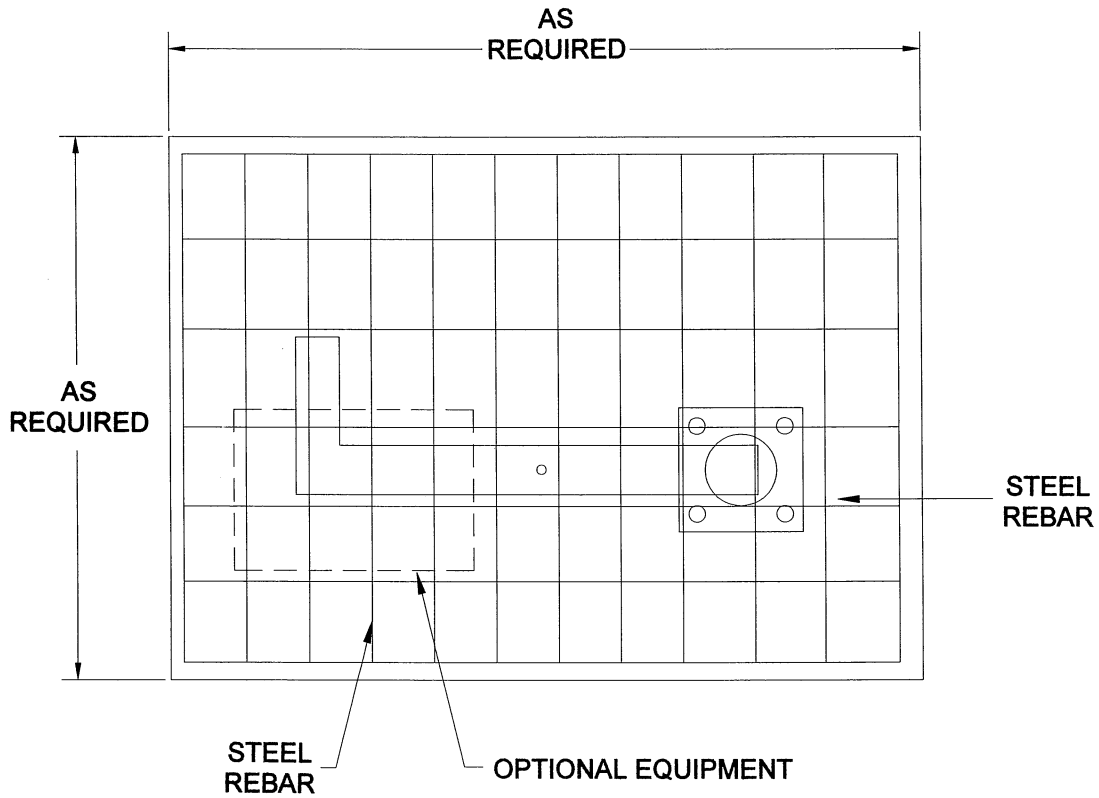
CLAMPING DEVICE IS ROTATABLE, ANTENNA MOUNT CAN
BE FABRICATED TO ACCOMMODATE ANY NUMBER OF ANTENNAS
EACH ANTENNA MOUNT CAN UP OR DOWN-TILT & ROTATE
INDEPENDENTLY OF EACH OTHER



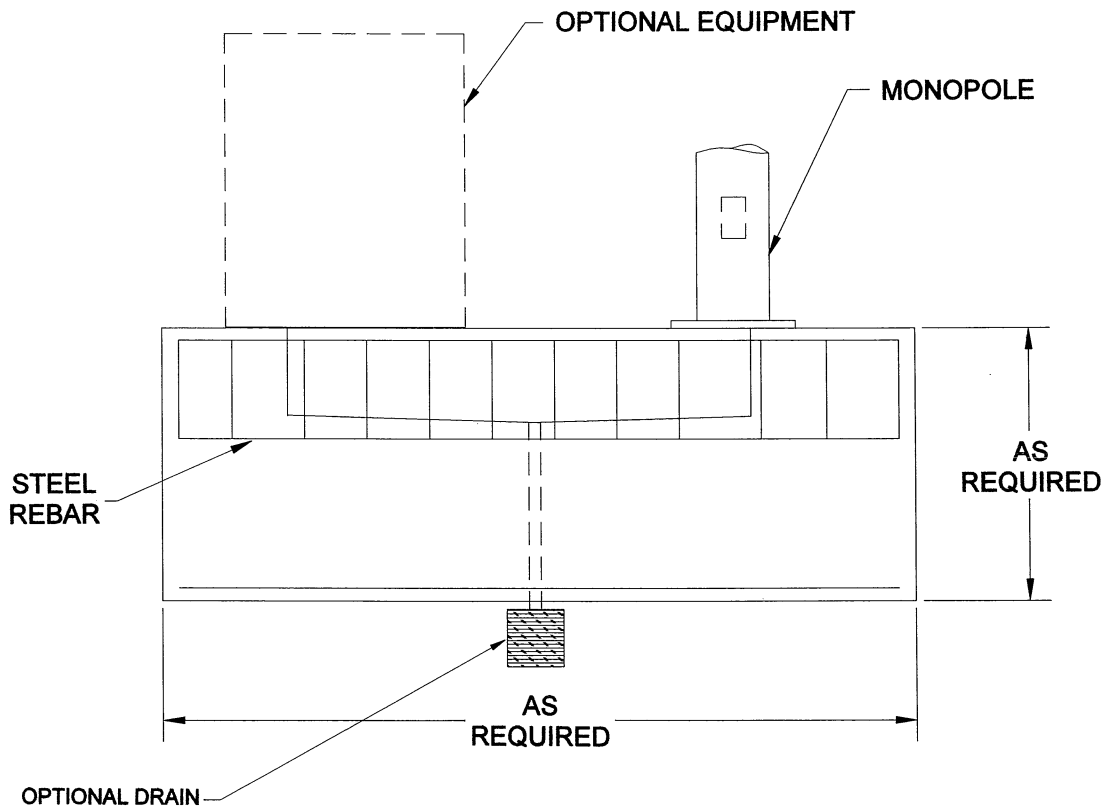
PLAN



CAISSON FOOTING

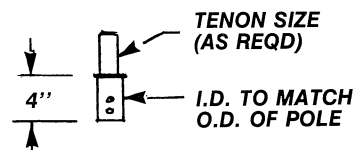
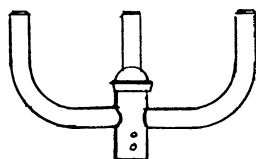
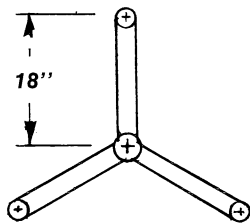
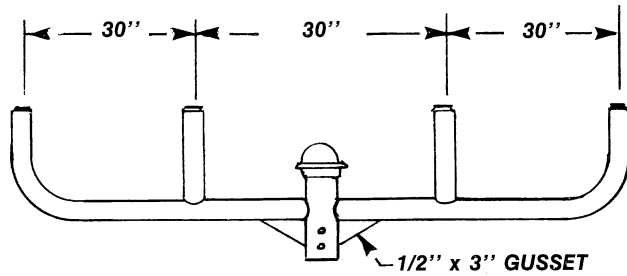
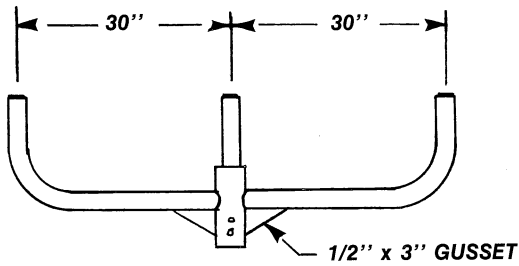
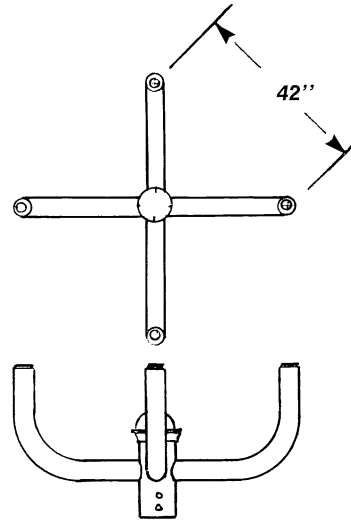
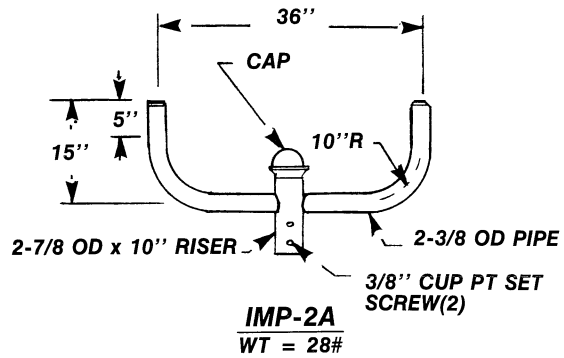


PLAN

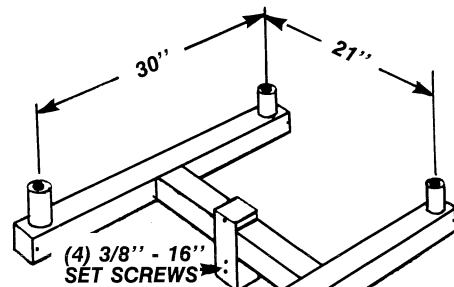
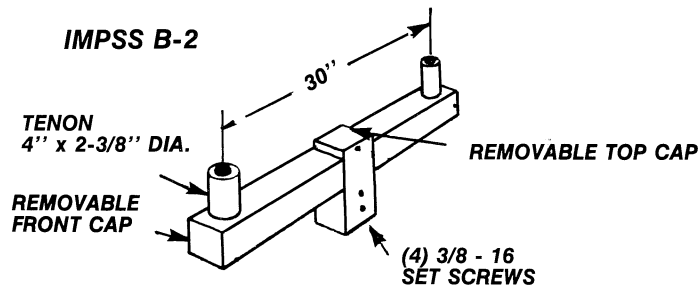


SPREAD FOOTING

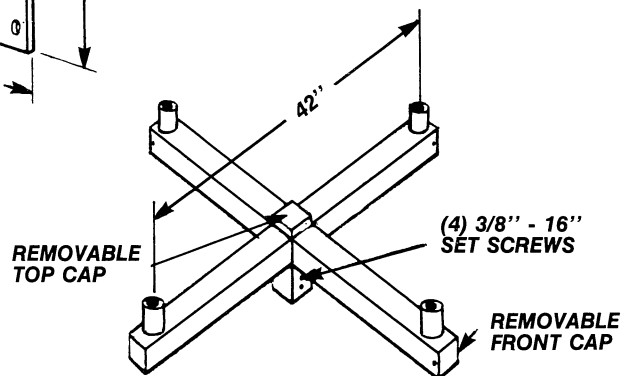
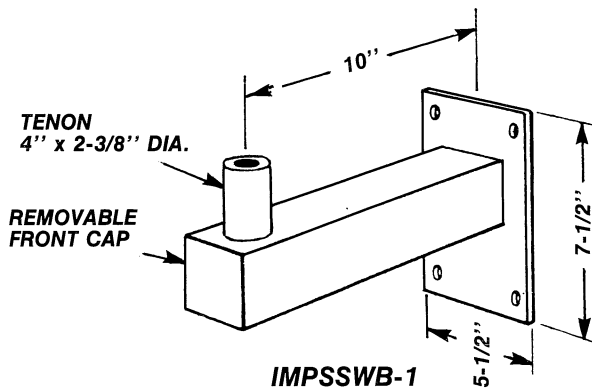
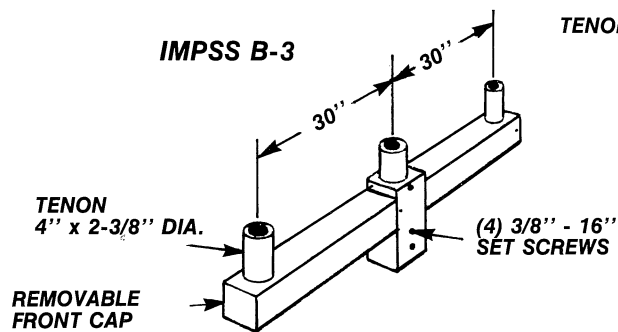
ARMS – SERIES IMP



ARMS – SERIES IMPSS

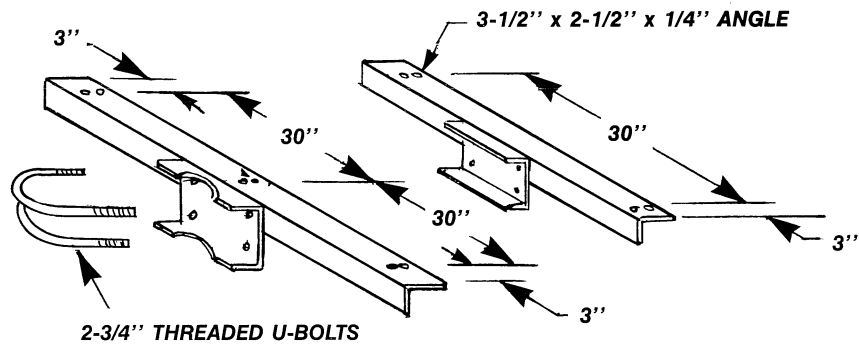
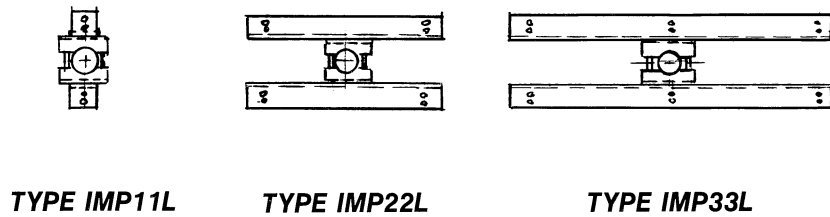
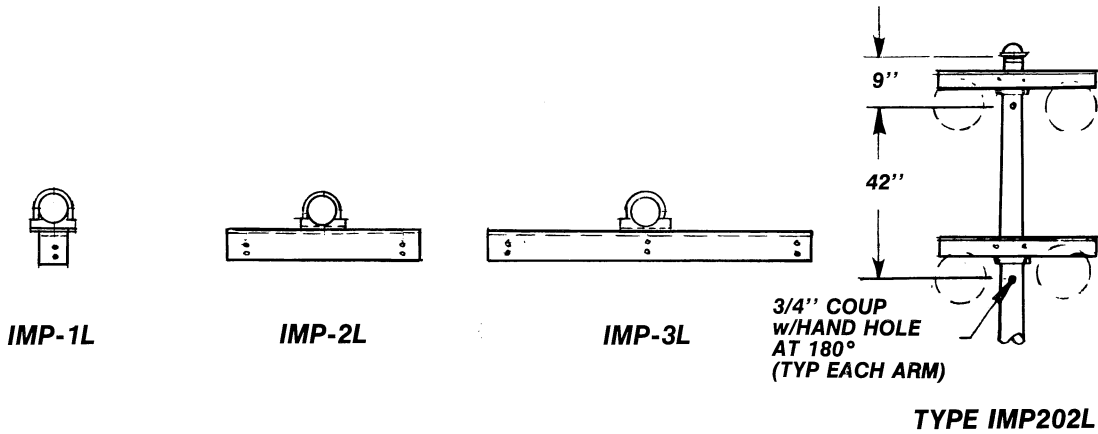


IMPSSB-22

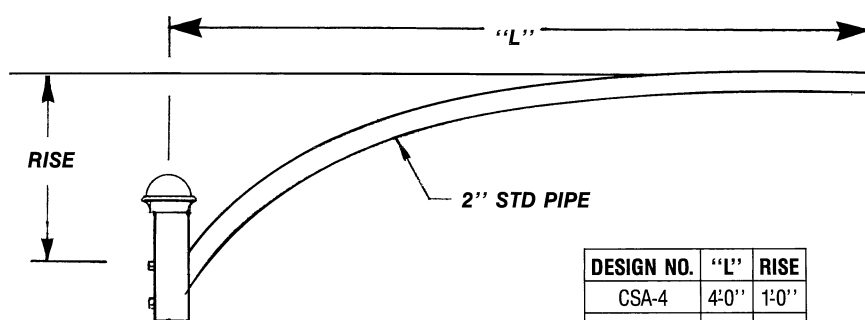


IMPSSB-4-90°

BRACKETS - SERIES IMP-L

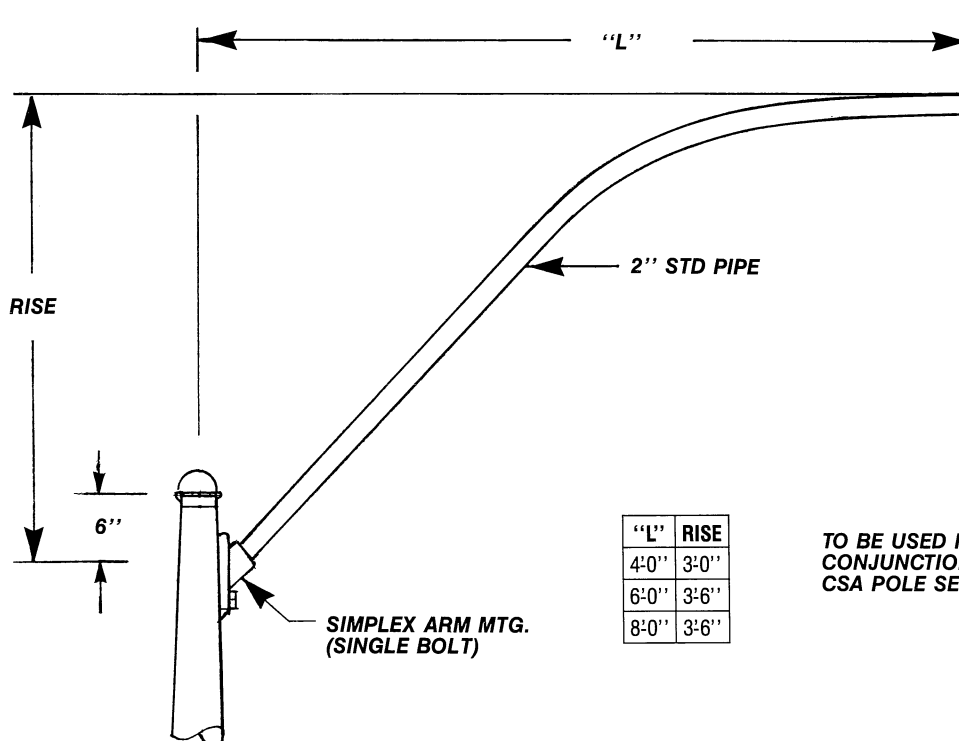


ARMS – SERIES – CSA-L



CSA-L SERIES

DESIGN NO.	"L"	RISE
CSA-4	4'-0"	1'-0"
CSA-6	6'-0"	1'-3"
CSA-8	8'-0"	1'-6"

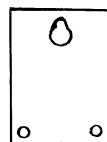
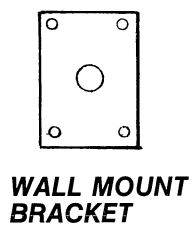
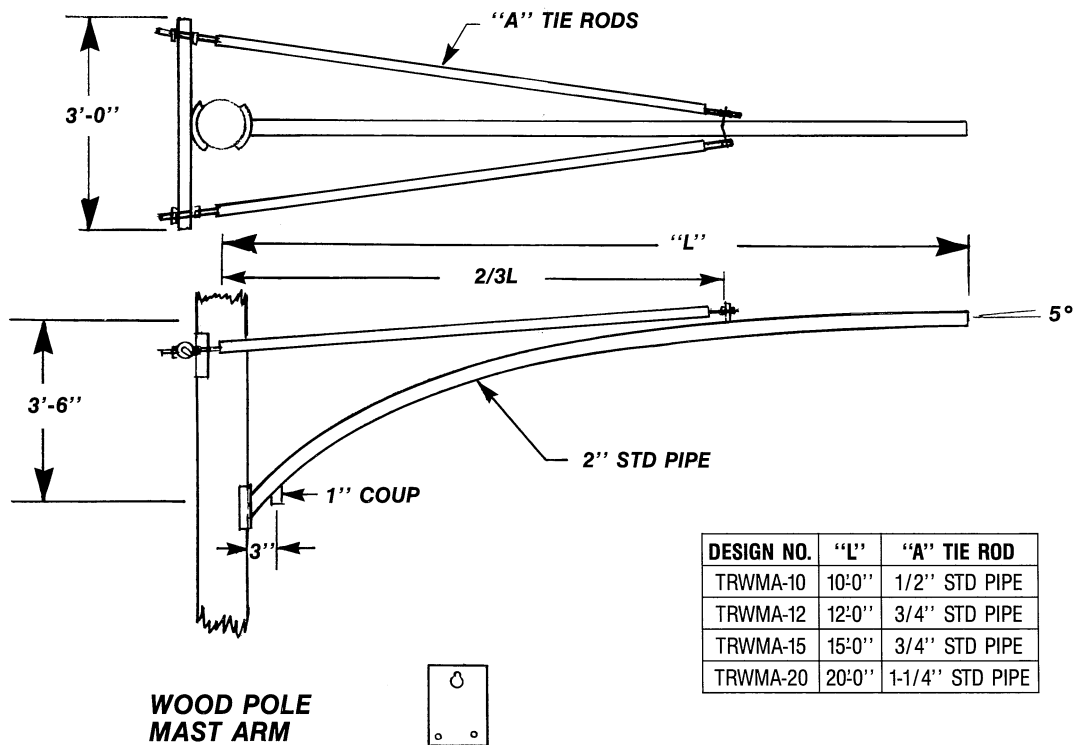


SIMPLEX ARM MTG.
(SINGLE BOLT)

"L"	RISE
4'-0"	3'-0"
6'-0"	3'-6"
8'-0"	3'-6"

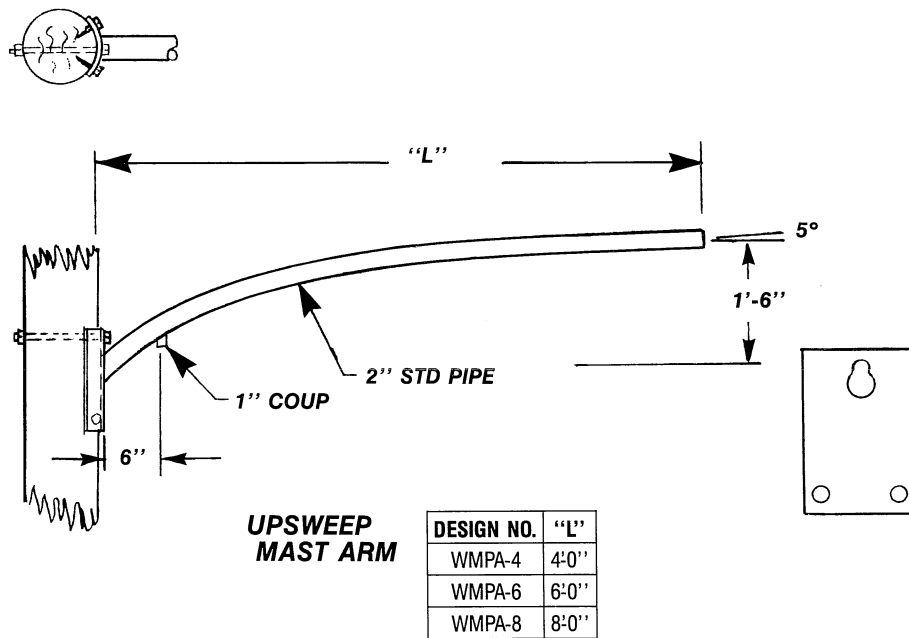
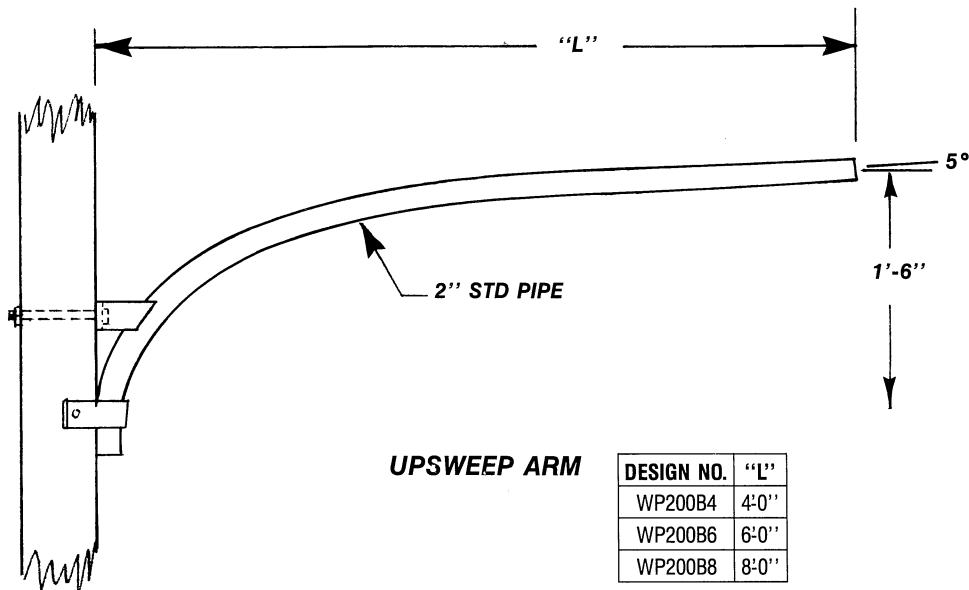
TO BE USED IN
CONJUNCTION WITH
CSA POLE SERIES

ARMS - SERIES TRWWA

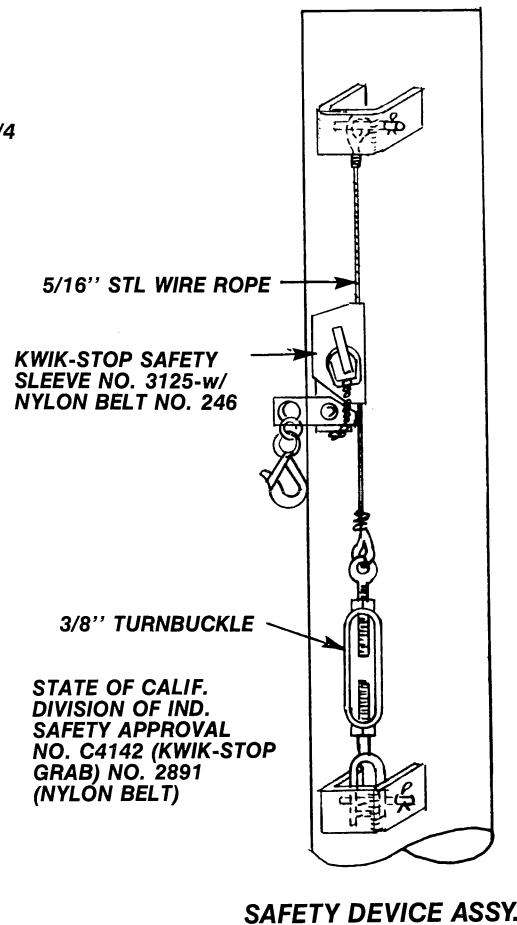
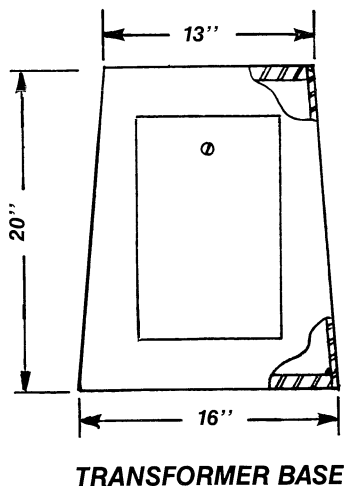
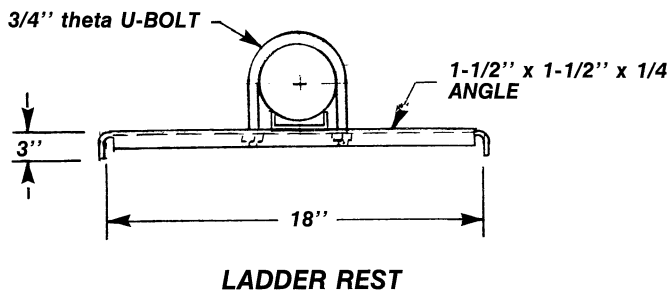
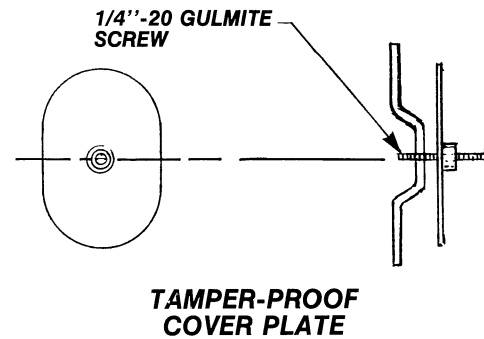
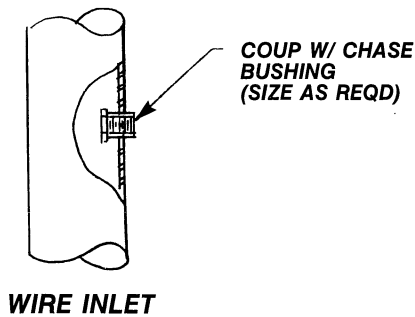
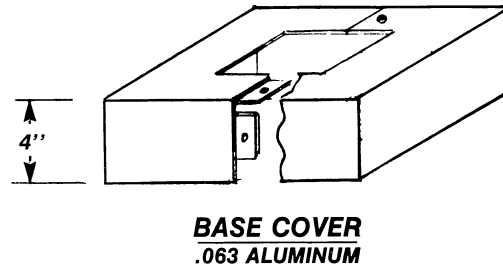
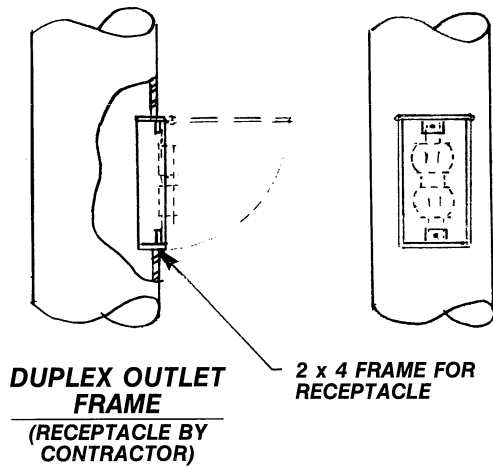


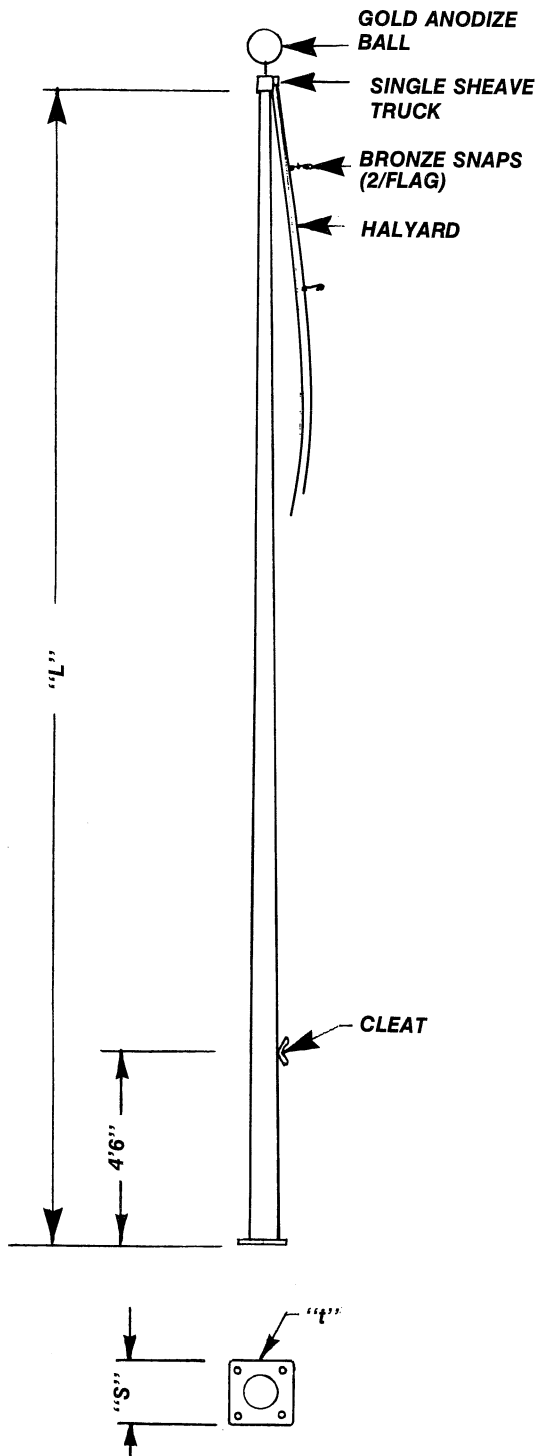
WOOD POLE ARM

ARMS – SERIES WP-200, SERIES WMPA



ACCESSORIES



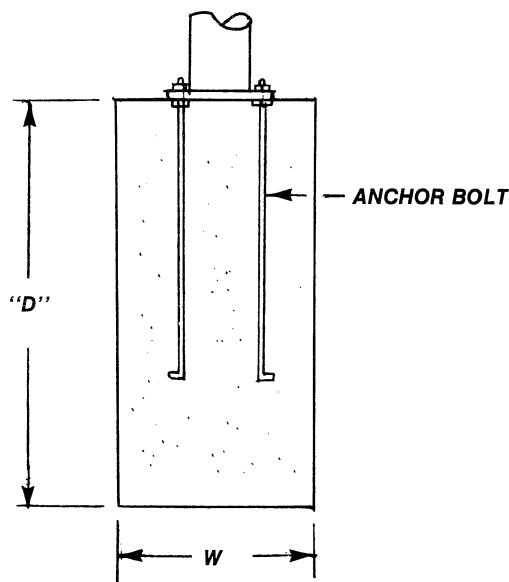


POLE SCHEDULE

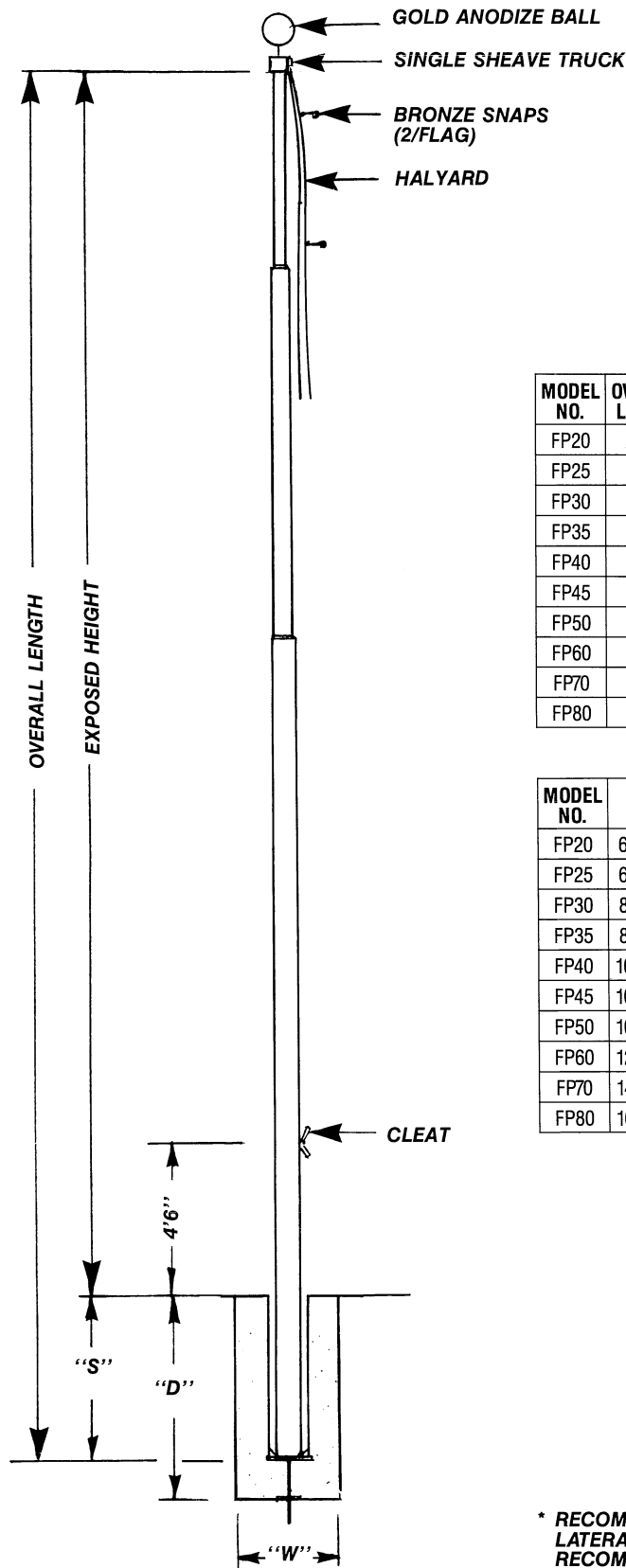
DESIGN NO.	SHAFT SIZE	BALL	ROPE	CLEAT	RECOMMENDED FLAG SIZE
CST-FP20	6.5 x 3.7 x 20'-11 GA	6"Ø	#8	6"	4' x 6'
CST-FP25	7.1 x 3.5 x 25'-11 GA	6"Ø	#8	6"	4' x 6'
CST-FP30	8.0 x 3.8 x 30'-11 GA	8"Ø	#10	8"	5' x 8'
CST-FP35	8.5 x 3.5 x 35'-11 GA	8"Ø	#10	8"	5' x 8'
CST-FP40	9.0 x 3.5 x 40'-11 GA	8"Ø	#10	8"	6' x 10'
CST-FP50	10.5 x 3.5 x 50'-11 GA	8"Ø	#10	8"	8' x 12'
CST-FP60	12.5 x 3.5 x 60'-11 GA	10"Ø	#12	10"	10' x 15'
CST-FP70	13.5 x 3.5 x 70'-11 GA	10"Ø	#12	10"	12' x 18'
CST-FP80	15.0 x 3.5 x 80'-7" GA	10"Ø	#12	10"	15' x 25'

BASE & FOOTING

DESIGN NO.	ANCHOR BOLT	"S"	"T"	*RECOM. WIDTH	*RECOM. DEPTH
CST-FP20	3/4" x 36" x 4"	11-1/2"	3/4"	1'-6"	3'-6"
CST-FP25	1" x 36" x 4"	11-1/2"	1"	1'-6"	4'-6"
CST-FP30	1" x 36" x 4"	11-1/2"	1"	2'-0"	5'-0"
CST-FP35	1" x 36" x 4"	11-1/2"	1"	2'-0"	5'-6"
CST-FP40	1-1/8" x 40" x 4"	13"	1-1/8"	2'-0"	6'-0"
CST-FP50	1-1/4" x 44" x 4"	15"	1-1/4"	2'-6"	6'-6"
CST-FP60	1-1/2" x 54" x 6"	16"	1-1/2"	2'-6"	7'-0"
CST-FP70	1-1/2" x 54" x 6"	18"	1-1/2"	2'-6"	7'-6"
CST-FP80	1-3/4" x 60" x 6"	20"	1-3/4"	3'-0"	8'-0"



* RECOMMENDED FOOTINGS ARE BASED ON 150PSF (SILTY SAND) LATERAL BEARING PRESSURE AND RECOMMENDED FLAG SIZE.



MODEL NO.	OVERALL LENGTH	EXPOSED HEIGHT	BASE SIZE	TOP SIZE	NO. SECT.	BALL SIZE	HALYARD SIZE	CLEAT SIZE
FP20	23'-0"	20'-0"	3-1/2"	2-3/8"	3	6"	#8	6"
FP25	28'-0"	25'-0"	3-1/2"	2-3/8"	3	6"	#8	6"
FP30	34'-0"	30'-0"	4"	2-7/8"	3	6"	#8	6"
FP35	39'-0"	35'-0"	4-1/2"	2-7/8"	4	8"	#10	8"
FP40	45'-0"	40'-0"	5-9/16"	2-7/8"	5	8"	#10	8"
FP45	51'-0"	45'-0"	6-5/8"	2-7/8"	6	8"	#10	8"
FP50	56'-0"	50'-0"	6-5/8"	2-7/8"	6	8"	#10	8"
FP60	67'-0"	60'-0"	8-5/8"	2-7/8"	7	10"	#12	10"
FP70	78'-0"	70'-0"	10-3/4"	2-7/8"	8	10"	#12	10"
FP80	89'-0"	80'-0"	12-3/4"	3-1/2"	8	10"	#12	10"

MODEL NO.	SLEEVE SIZE	APPROX. WT.	RECOMMENDED FLAG SIZE	*RECOM. "W"	FOOTING "D"
FP20	6"Ø x 3'-0" 11 GA	120#	4' x 6'	1'-6"	4'-0"
FP25	6"Ø x 3'-0" 11 GA	150#	4' x 6'	1'-6"	4'-0"
FP30	8"Ø x 4'-0" 11 GA	230#	5' x 8'	2'-0"	5'-0"
FP35	8"Ø x 4'-0" 11 GA	360#	5' x 8'	2'-0"	5'-6"
FP40	10"Ø x 5'-0" 11 GA	400#	6' x 10'	2'-0"	6'-6"
FP45	10"Ø x 6'-0" 11 GA	585#	6' x 10'	2'-0"	7'-6"
FP50	10"Ø x 6'-0" 11 GA	645#	8' x 12'	2'-6"	7'-6"
FP60	12"Ø x 7'-0" 11 GA	1055#	10' x 15'	2'-6"	8'-6"
FP70	14"Ø x 8'-0" 11 GA	1385#	12' x 18'	2'-6"	9'-6"
FP80	16"Ø x 9'-0" 11 GA	2400#	15' x 25'	3'-0"	10'-6"

* RECOMMENDED FOOTINGS ARE BASED ON 150PSF LATERAL BEARING PRESSURE (SILTY SAND) AND RECOMMENDED FLAG SIZE.

FLAG POLE ACCESSORIES

B - BALL

Pole top ball ornaments come in two types as listed.

1. Copper balls which can be furnished in various finishes.

COPPER BALLS				
PLAIN	POLISHED	PAINTED	CHROME	GOLD LEAF
CBP-5"	CPOL-5"	CPT-5"	CH-5"	CGL-5"
CBP-6"	CPOL-6"	CPT-6"	CH-6"	CGL-6"
CBP-8"	CPOL-8"	CPT-8"	CH-8"	CGL-8"
CBP-10"	CPOL-10"	CPT-10"	CH-10"	CGL-10"

2. Gold anodized have a bright mirror finish that is protected with a special coating to prevent chipping or cracking of finish. This ball is recommended because of its properties of retaining a fresh new look through all types of weather.

T - Truck furnished is of cast aluminum with burnished finish and comes as one unit with single sheave. Interior of truck is equipped with a unique double ball bearing action that assures trouble free rotation of unit. This unit can be adapted to fit pole top sizes in O.D. as required. Sheave is phenolic material as used in aircraft and attached to sheave with a bronze shaft eliminating lubricating and prevents freezing on shaft.

H - Halyard

1. Copper cored with a mildew proof mahogany finish. Core is stranded wire which is a discouraging factor to vandalism.
2. Spot cord or silverlake cotton sash cord is available in three sizes and of good quality however is very attractive to vandals.
3. Nylon or polyurethane is widely used as halyard material and is very durable to weather conditions.

C - Cleats

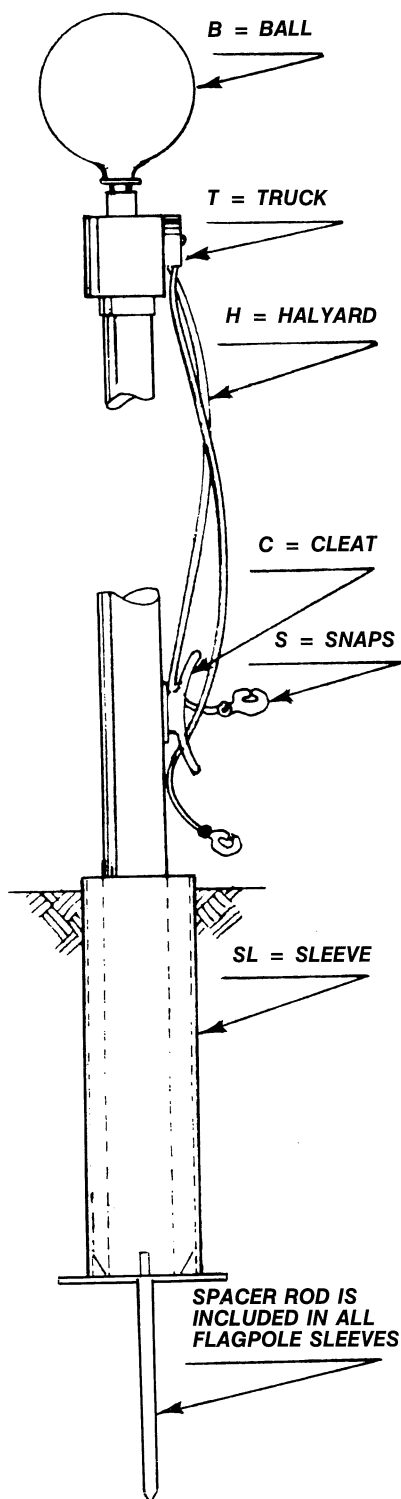
Two types of cleats are available; marine type used on boats and ships to withstand salt air and all weather conditions.

1. Galvanized malleable open base design.
2. Polished solid brass open base design.

GALVANIZED	SIZE	BRASS	SIZE
CL-6	6"	CLB-6	6"
CL-8	8"	CLB-8	8"
CL-10	10"	CLB-10	10"

S - Snaps

Are equipped with spring action lock and are furnished in one size only.



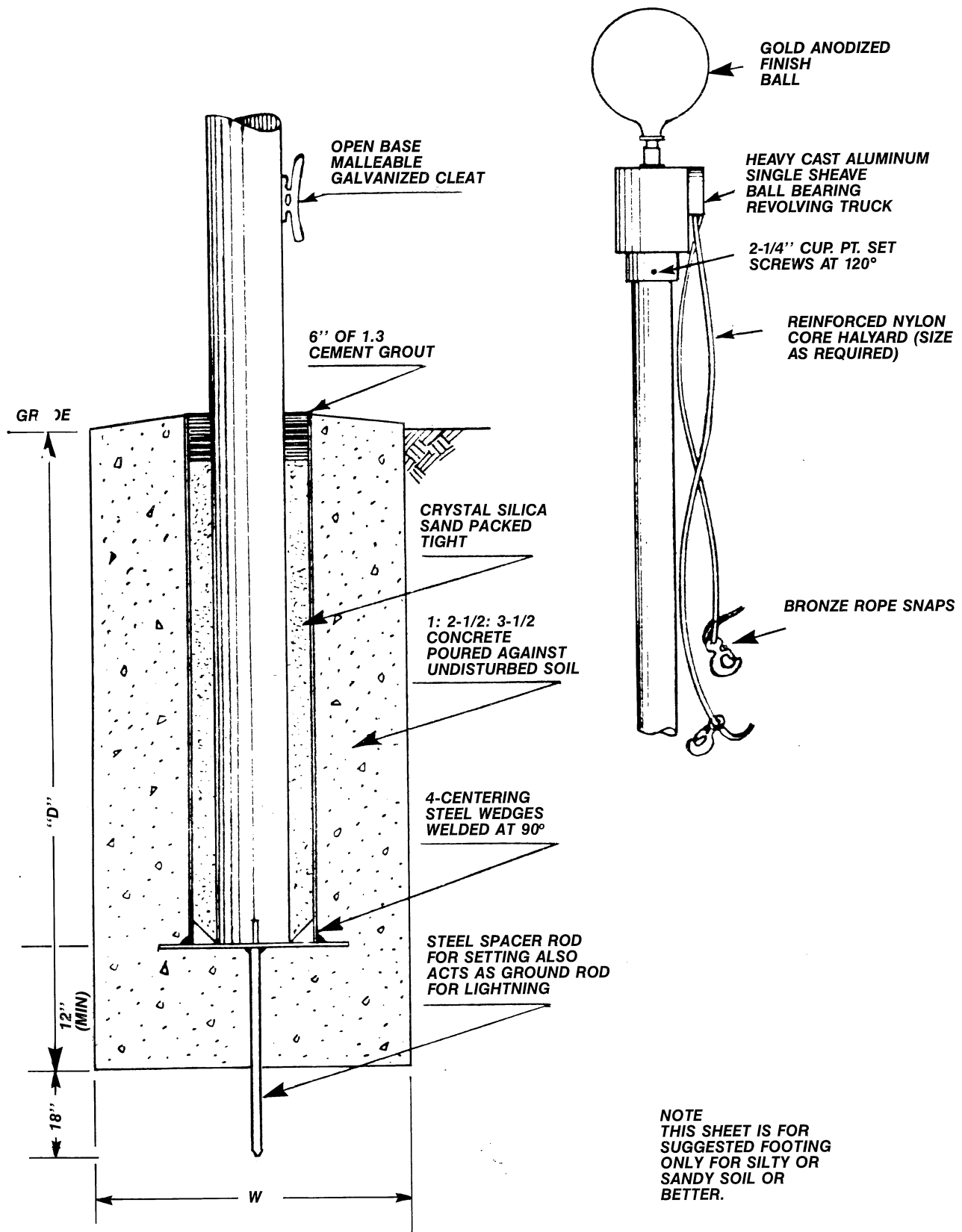
IMPERIALPIPE

WEB: www.imperialpipe.com

12375 Brown Ave. Riverside, CA 92509

TEL: 951.682.3307

FAX: 951.682.3406



SIGN POLE

DESIGN AS REQUIRED
PER ENGINEERS SPECIFICATIONS

