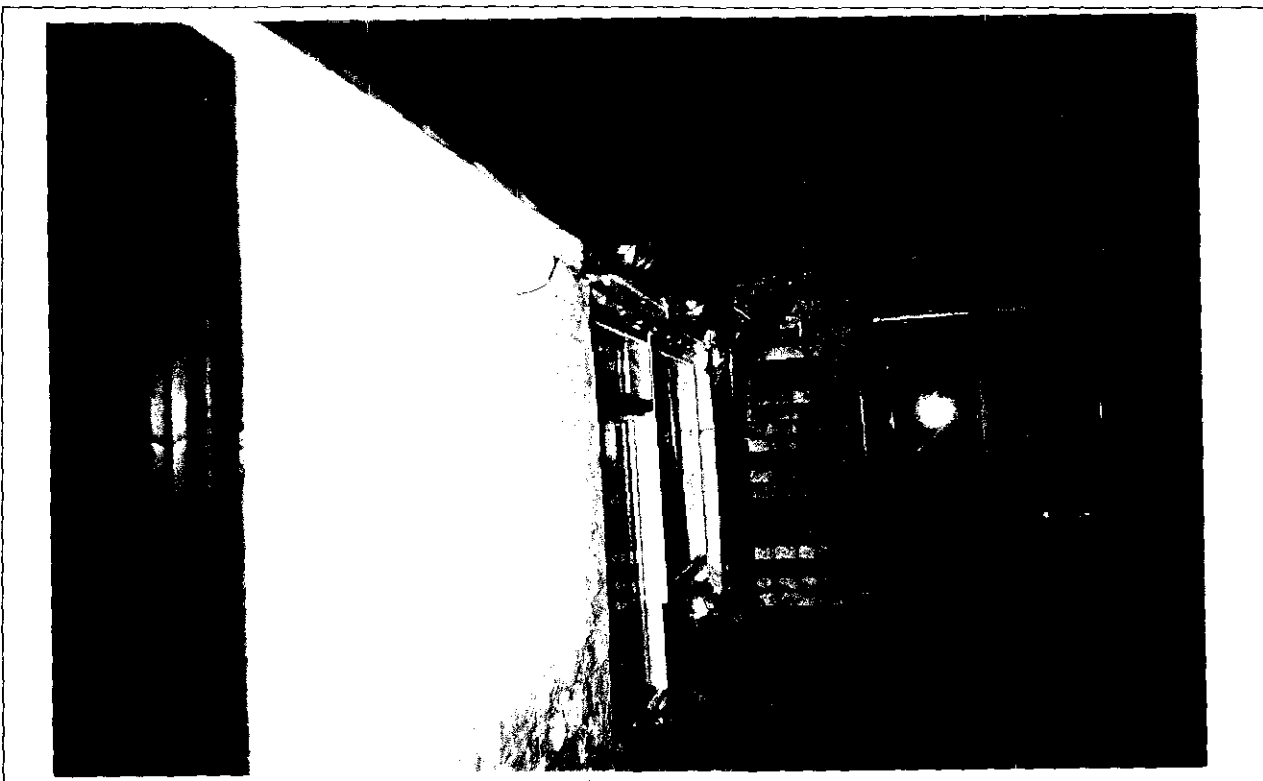




FRONTAL ELEVATION OF BUILDING



LOCATION OF 1.2 METRE DIAMETER SATELLITE DISH FOR THE NATIONAL LOTTERY

SOUTH HOLLAND DC
HOUSING & PLANNING

16 MAY 2000

PLAN

DETERMINED

MODEL PSH-4

Non-penetrating, flat roof antenna, supporting system.

TYPICAL USAGE:

1. KU and C Band transmet and receive
2. Handles up to and including a 1.2m (4") antenna.

PRODUCT SPECIFICATIONS:

The PSH-4 can be ordered to handle from six concrete blocks pe side to eighteen concrete blocks per side.

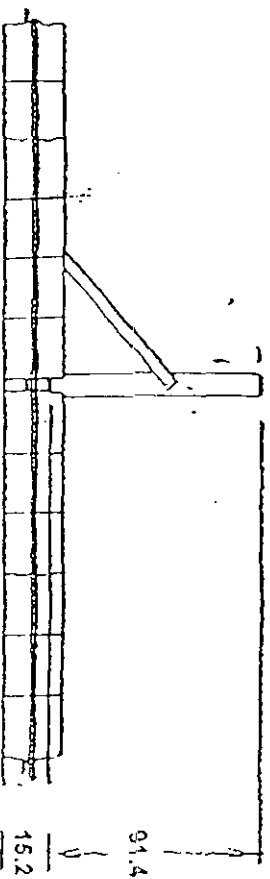
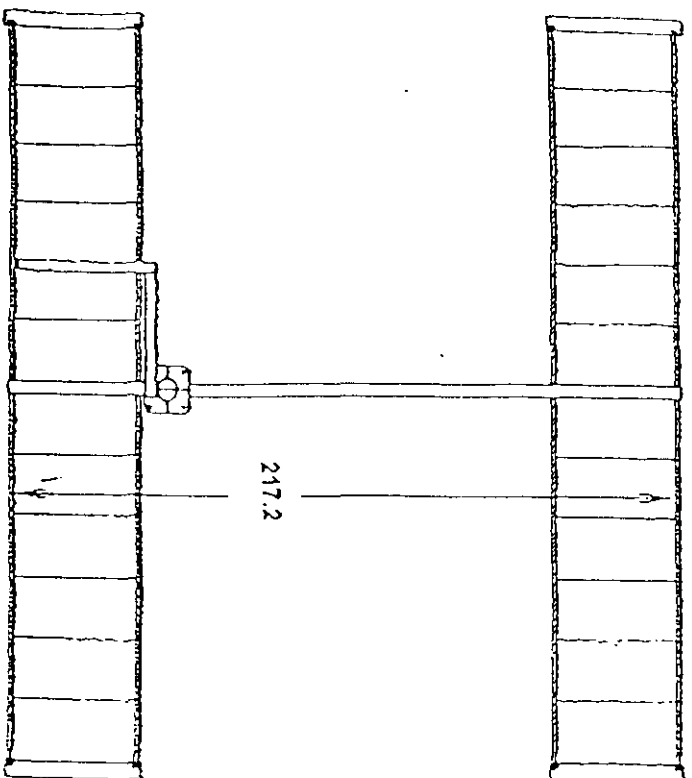
The different pad sizes allows the mount to be ballasted for various wind loads.

Footprints

6 Block Pad -	2.2 x 1.14 m = 2.47 sq. m.
8 Block Pad -	2.2 x 1.57 m = 3.40 sq. m.
10 Block Pad -	2.2 x 1.96 m = 4.22 sq. m.
12 Block Pad -	2.2 x 2.39 m = 5.15 sq. m.
14 Block Pad -	2.2 x 2.74 m = 5.92 sq. m.
16 Block Pad -	2.2 x 3.12 m = 6.75 sq. m.
18 Block Pad -	2.2 x 3.51 m = 7.57 sq. m.

Ballast required will be recommended based on antenna diameter, type and survival requirements. It is the customer's responsibility to see that all applicable codes are satisfied. It is suggested that a structural engineer review the application of this product.

An engineering report is available to assist with determining the proper amount of ballast. A pad can be supplied to isolate the mount from the roof surface. Under extreme wind conditions the mount should be tethered with cable.



SOUTH HOLLAND DC
HOUSING & PLANNING

18 MAY 2000

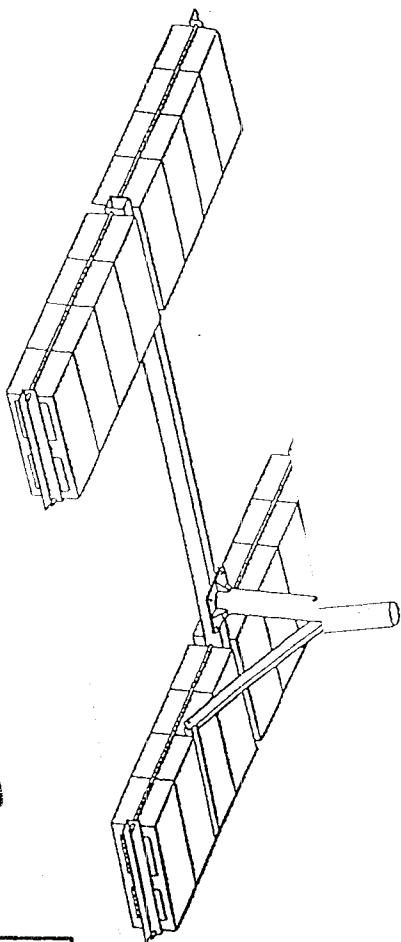
Ref:

0632-100

NOTED
DETERMINED

MODEL: PSH-4

The Baird PSH-4 non-penetrating antenna supporting system is engineered to handle a 1.2 meter antenna. The simple design of the PSH-4 provides for a low cost, easily assembled mount and along with a hot dip galvanized finish makes the PSH-4 a high quality, cost effective mounting system.



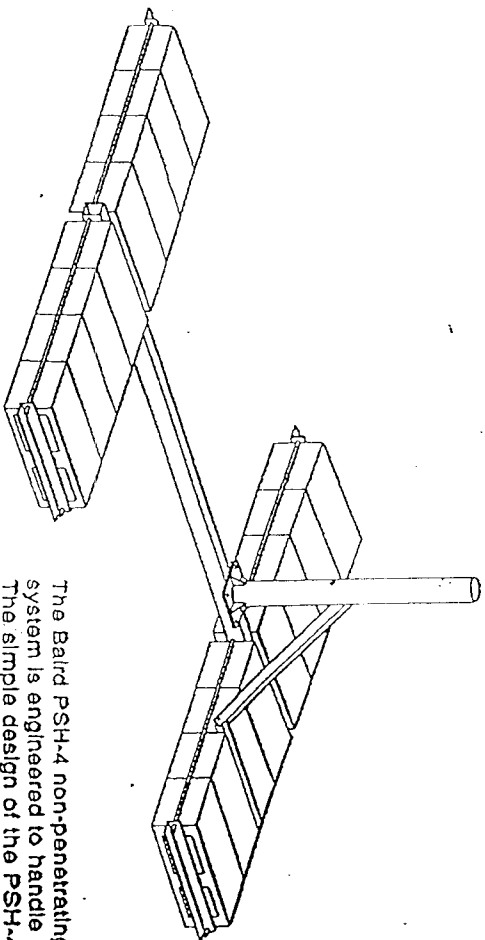
**DETERMINED
PLAN**

SOUTH HOLLAND DISTRICT
HOUSING & PLANNING
18 MAY 2000
Ref: 0632/00

BAIRD
SATELLITE
SUPPORTING SYSTEMS

BAIRD NON-PENETRATING SUPPORT SYSTEM

MODEL: PSH-4



The Baird PSH-4 non-penetrating antenna supporting system is engineered to handle a 1.2Meter antenna. The simple design of the PSH-4 provides for a low cost, easily assembled mount and along with a hot dip galvanized finish makes the PSH-4 a high quality, cost effective mounting system.

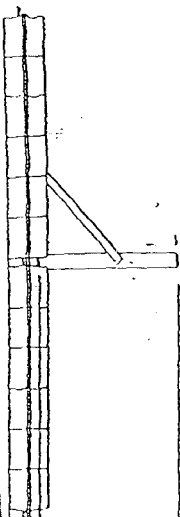
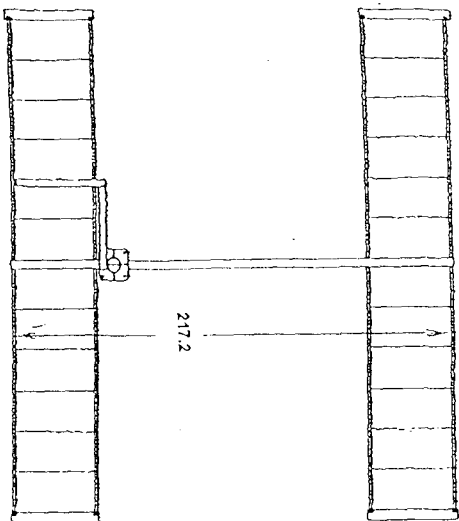
SOUTHERN AND DC
HOUSING & PLANNING

16 MAY 2000

Ref: 0632/10

**DETERMINED
PLAN**

BAIRD
SATELLITE
SUPPORTING SYSTEMS



SOUTH HOLLAND DC
HOUSING & PLANNING

18 MAY 2000

Ref: 0632/00

MODEL PSH-4

Non-penetrating, flat roof antenna
supporting system.

TYPICAL USAGE:

1. K, U. & C band, transmit and receive antenna.
2. Handles up to and including a 1.2M (4') antenna.

PRODUCT SPECIFICATIONS

The PSH-4 can be ordered to handle from six concrete blocks per side to eighteen concrete blocks per side.

The different pad sizes allows the mount to be ballasted for various wind loads.

Footprints

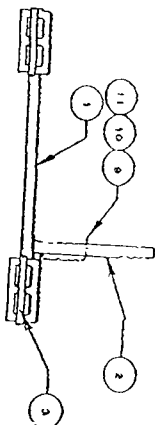
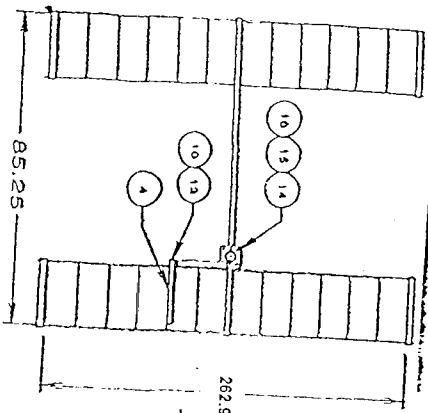
6 Block Pad -	2.2 x	1.14 m	=	2.47 sq. m.
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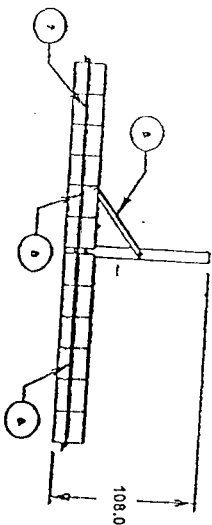
Under extreme wind conditions the mount should be tethered with cable

**DETERMINED
PLAN**



Based on - 21.6 x 21.6 x 43.8 cms. Concrete Block

NO.	DESCRIPTION	QTY	UNIT
1	61400	1	61400
2	61420	1	61420
3	61430	1	61430
4	61440	1	61440
5	61450	1	61450
6	61460	1	61460
7	61470	1	61470
8	61480	1	61480
9	61490	1	61490
10	61500	1	61500
11	61510	1	61510
12	61520	1	61520
13	61530	1	61530
14	61540	1	61540
15	61550	1	61550
16	61560	1	61560
17	61570	1	61570
18	61580	1	61580
19	61590	1	61590
20	61600	1	61600
21	61610	1	61610
22	61620	1	61620
23	61630	1	61630
24	61640	1	61640
25	61650	1	61650
26	61660	1	61660
27	61670	1	61670
28	61680	1	61680
29	61690	1	61690
30	61700	1	61700
31	61710	1	61710
32	61720	1	61720
33	61730	1	61730
34	61740	1	61740
35	61750	1	61750
36	61760	1	61760
37	61770	1	61770
38	61780	1	61780
39	61790	1	61790
40	61800	1	61800
41	61810	1	61810
42	61820	1	61820
43	61830	1	61830
44	61840	1	61840
45	61850	1	61850
46	61860	1	61860
47	61870	1	61870
48	61880	1	61880
49	61890	1	61890
50	61900	1	61900
51	61910	1	61910
52	61920	1	61920
53	61930	1	61930
54	61940	1	61940
55	61950	1	61950
56	61960	1	61960
57	61970	1	61970
58	61980	1	61980
59	61990	1	61990
60	62000	1	62000



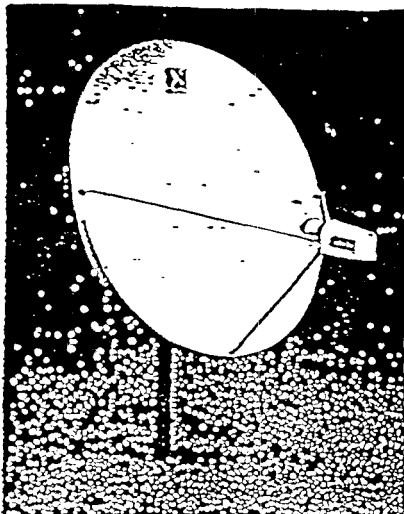
108.0

This drawing and the information contained therein are the property of BAIRD SATELLITE SYSTEMS

REVISIONS		BAIRD SATELLITE	
		WATERLOO, IOWA	
		PSH44(UK) ASSEMBLY	
DATE: 04/20/94		DRAWING NO. 0632/10	
SCALE: 1"=1'-0"		WEIGHT: 100 LBS	
DESIGNED BY: JMK		CHECKED BY: JMK	
DRAWN BY: JMK		APPROVED BY: JMK	

Ref: 0632/10
18 MAY 2000
SOUTH HOLLAND DC HOUSING & PLANNING

1.2M SMC DTH Antenna



MODEL 6022

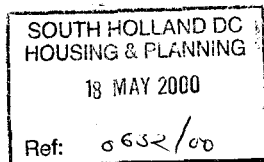
Maximum gain for fringe reception.

The Channel Master DTH satellite antenna system offers the perfect choice for everyone.

This 1.2m SMC (sheet molded compression) antenna offers maximum gain to capture satellite signals clearly even on the fringe of the normal signal area. Its design and fiberglass reinforced molded polyester construction offer perfect parabolic shape and surface. The sturdy tri-leg feed support maintains optimal feed assembly position for consistently excellent performance.

Choose one of four high-gain feed options - Polarizer, Single Polarity, Orthomode Transducer, or LNBF - to meet your viewing needs. A weatherproof feed cover and sturdy die cast construction helps extend the life of these precision prime focus offset feeds.

To get the most from this powerful antenna, the channel Master system offers a choice of either heavy-duty fixed AZ/EL mounts or a motorized polar mount for quick satellite selection. There's a variety of mounting options, too - just like our smaller antenna's, the 1.2m can be mounted on flat or sloped roofs, vertical walls or on a 76mm ground pole. All mounting hardware is cadmium dichromate plated and the steel mount parts are powder coat painted or galvanized for corrosion resistance. It's just what you'd expect from the number one name in antennas since 1949.



SPECIFICATIONS:

Effective Aperature : 1.2m dia, 120 cm.

Dish Height: 1.3m

Dish Width: 1.2m

Frequency Range: 10.95 - 12.75 Ghz

Gain at Mid Band: 10.952 - 11.7 11.7 - 12.5 12.5-12.75
41.6dB 42.2dB 42.6dB

Temperatures: -40°C to +50°C (Survival - 58°C to +70°C)

F/D: -6

Offset Angle: 22.6'

Polarization: Linear, Circular

Optics: Prime Focus with Offset Feed

Feed Options: Polarizer, Single Polarity,
Orthomode Transducer, or LNBF

Mounts: Polar or AZ/EL

Mount Assemblies: (3.1"(76mm)Dia), Ground, Roof,
Wall. (Refer to Channel Master
Mount Literature).

Windloading: 96km (Survival 193km)

Hardware: 700 hour salt spray tested

**DETERMINED
PLAN**

SOUTH HOLLAND DC
HOUSING & PLANNING
18 MAY 2000
Ref: 0632/60