

PLACEMENT/MAINTENANCE

- 1 ALL NEST STRUCTURES SHOULD BE PLACED IN PERMANENT OR SEMI-PERMANENT PONDS TYPICALLY FRINGED BY CATTAIL OR BULRUSH.
- 2 PLACE NEST STRUCTURE ON THE EDGE OF OPEN WATER AND EMERGENT VEGETATION EDGE (CATTAILS). CLOSE PROXIMITY TO EMERGENTS AVOIDS OPEN WATER ICE DAMAGE TO STRUCTURE BUT CAN ALSO DETER AVIAN PREDATION IF BLACKBIRDS HAVE ESTABLISHED TERRITORIES.
- 3 INSTALL IN SMALLER WETLANDS LESS THAN 20 ACRES IN SIZE. AVOID LARGER OPEN WATER LAKES BECAUSE OF ICE MOVEMENT DAMAGE TO STRUCTURES AND MAJOR SPRING (CREEKS) WATER RUNS PRONE TO FLOODING.
- 4 TRY AND MATCH STRUCTURES TO BREEDING PAIR DENSITIES. RECOMMEND ONLY 1 STRUCTURE PER POND OR 1 STRUCTURE PER 2 TO 4 ACRES OF WETLAND.
- 5 STRUCTURE SHOULD BE PLACED IN MINIMUM WATER DEPTH OF 1 FOOT AND ANCHOR STEM POUNDED IN MINIMUM 2 FEET INTO MARSH BOTTOM. RECOMMENDED USING 8 FOOT ANCHOR PIPE.
- 6 ONCE INSTALLED NESTING STRUCTURE SHOULD BE SET AT APPROXIMATELY 2-3 FEET ABOVE THE SURFACE OF THE EXPECTED MAY WATER LEVEL. WHERE POSSIBLE, WHEN INSTALLED ALONG EMERGENT EDGE TRY AND SET THE STRUCTURE 2-3 FEET ABOVE WATER AND LEVEL OR BELOW THE TOP OF ADJACENT EMERGENT VEGETATION.
- 7 STRUCTURE CAN BE RAISED IN THE FALL TO AVOID BEING DRIFTED IN WITH WINTER SNOW DRIFT. RECOMMEND SET SCREW BE GREASED ANNUALLY TO AVOID RUSTING AND MAINTAIN ADJUSTABLE FUNCTION OF STRUCTURE.
- 8 INSTALL STRUCTURE CROSS WIND OR 90 DEGREES TO PREVAILING WINDS TO AVOID WIND TUNNELLING ON NESTING HEN IN STRUCTURE.
- 9 INSTALLATION OF STRUCTURE CAN BE AT ANY TIME OF THE YEAR. WE RECOMMEND PLACEMENT OF STRUCTURE BE DONE DURING LATE FALL/WINTER WHEN ICE CONDITIONS ARE 3-6 INCHES THICK. THIS PROVIDES EASY ACCESS BY ATV, SNOWMACHINES OR VEHICLES (6-8" ICE THICKNESS) FOR INSTALLATION WORK.
- 10 USE BROME HAY FOR INTERNAL NESTING MATERIAL IN TUNNEL. ENSURE NESTING MATERIAL IS "FLUFFED" TO ALLOW HEN TO MOVE IT AROUND AND FILL TO HALF THE TUNNEL LEVEL. DO NOT BLOCK TUNNEL WITH NESTING MATERIAL.
- 11 MAINTENANCE OF THE STRUCTURE IS CRITICAL FOR SUCCESS. STRUCTURES SHOULD BE CHECKED ANNUALLY IN SPRING (MARCH/APRIL) AND RESUPPLY NEW NESTING MATERIAL INSIDE TUNNEL ANNUALLY. LANDING PADS MUST BE GRASSED AND FASTENED BY WIRE. INTERNAL TUNNEL MATERIAL NEED NOT BE SECURED.

CONSTRUCTION

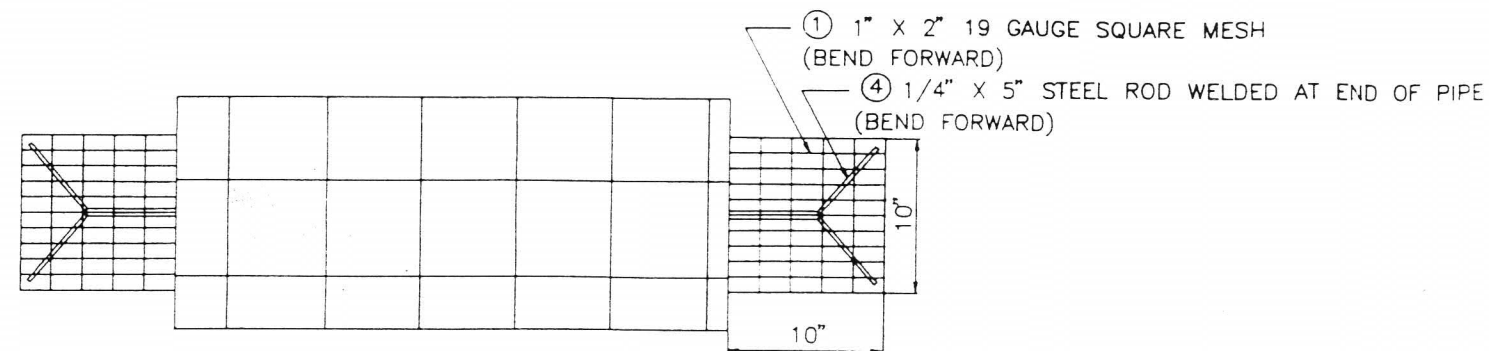
- 1 WIRE TUNNEL CONSTRUCTED BY ROLLING 3' X 7' LENGTH OF STUCCO WIRE. START TUNNEL BY ROLLING WIRE BACK TO 34-36 INCHES LENGTH AND FASTEN. INSTALL CANOPY MATERIAL (RECOMMEND FLAX STRAW) AND COMPLETELY ENCLOSED WITH NESTING CANOPY.

BILL OF MATERIALS

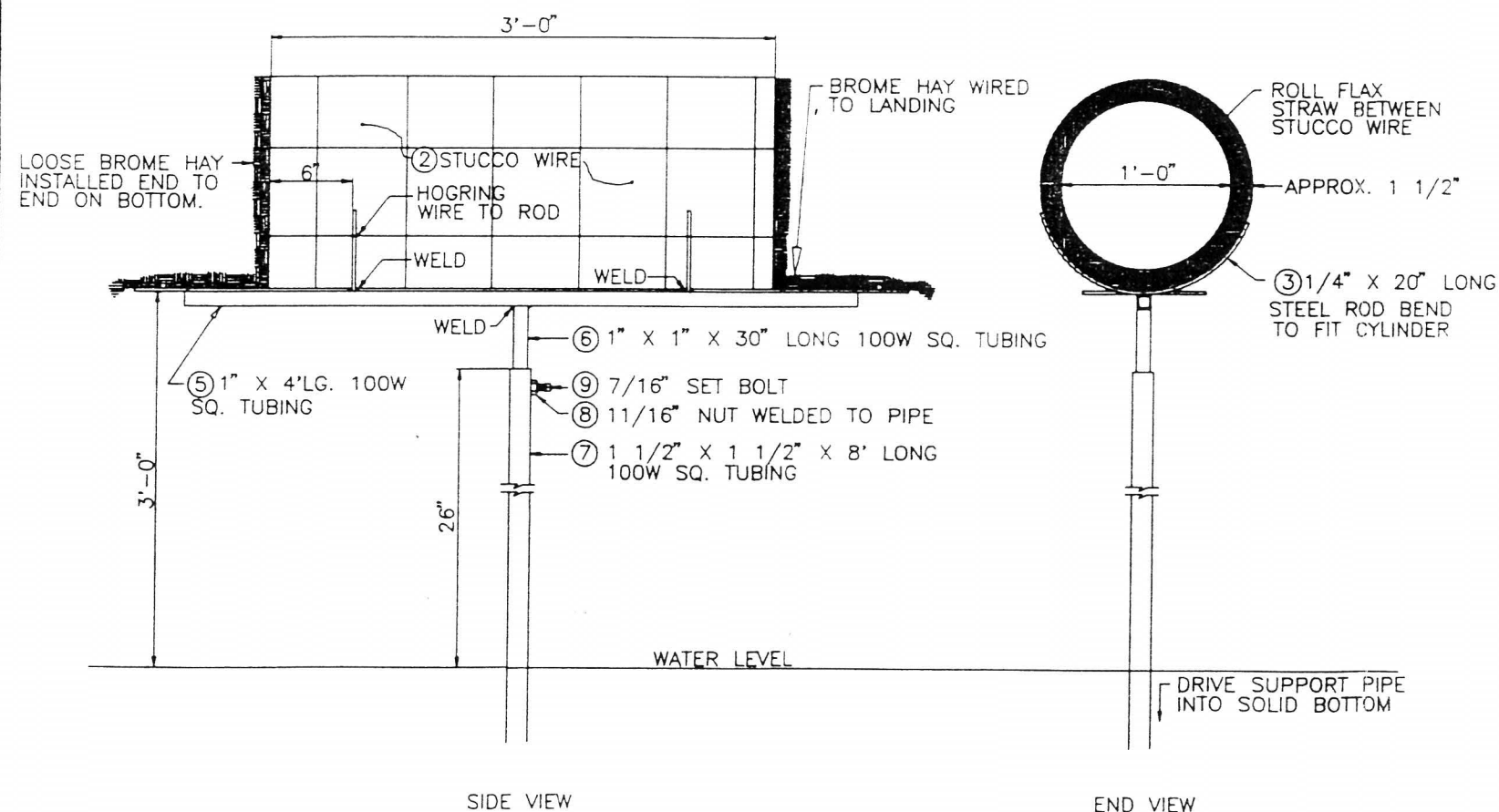
NO.	QUANTITY	DESCRIPTION
①	1pc.	1" X 2" X 19ga. SQ. MESH (10"X10")
②	1pc.	36" X 3/4" LG. STUCCO WIRE
③	2pcs.	1/4" X 20" LD. STEEL ROD (BEND TO FIT CYLINDER)
④	4pcs.	1/4" X 5" LG. STEEL ROD
⑤	1pc.	1" X 4' LG. 100W SQ. TUBING
⑥	1pc.	1" X 30" LG. 100W SQ. TUBING
⑦	1pc.	1 1/2" X 8'-0" LG. 100W SQ. TUBING
⑧	1pc.	11/16" NUT (WELDED TO PIPE)
⑨	1pc.	7/16" SET BOLT



The Manitoba
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TOP VIEW



SIDE VIEW

END VIEW

CYLINDER TYPE NESTING STRUCTURE