

3" DIAMETER DUCT
THROUGHOUT

TRANSITION
3'X16" RECTANGLE TO 3" ROUND

OPENING EACH END
PLASTIC STRIPPING FOR
CLOSURE

STANDARD ROLLER
CONVEYOR
PART A

LEGS TO BE AT LEAST
30" LONG

METERING ASS. PLATFORM

PLATFORM STAND
WITH MEANS TO
SUPPORT DUCT

RIGHT ANGLE FAN
3" ROUND BOTH
ENOS PART B

TRANSITION
3" SQUARE TO 3" ROUND

ASSEMBLY

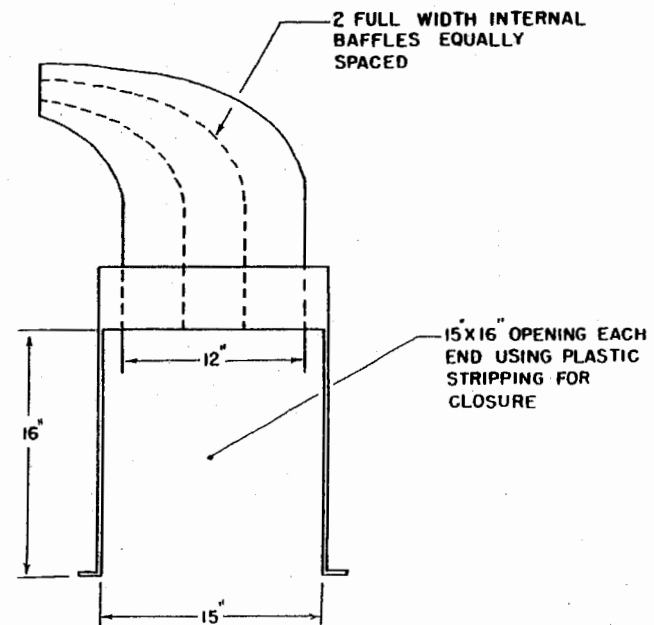
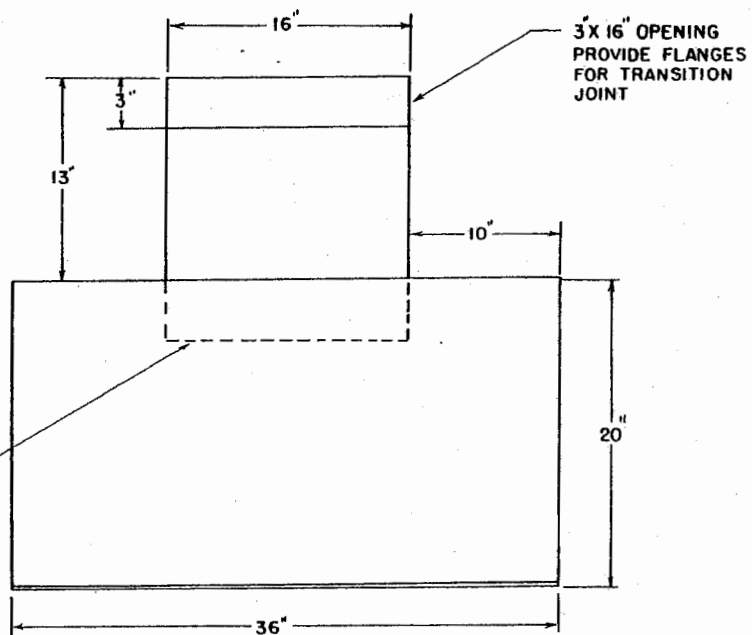


POTATO DUSTER

ENGINEER	PARISH	SCALE	NOT TO SCALE
DRAWN BY	CHANEY	SHEET	1 OF 4
TRACED BY	NICHOLS	DATE	7-'88 NO. 40-04

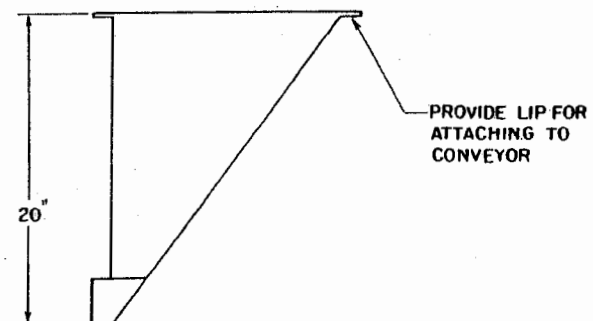
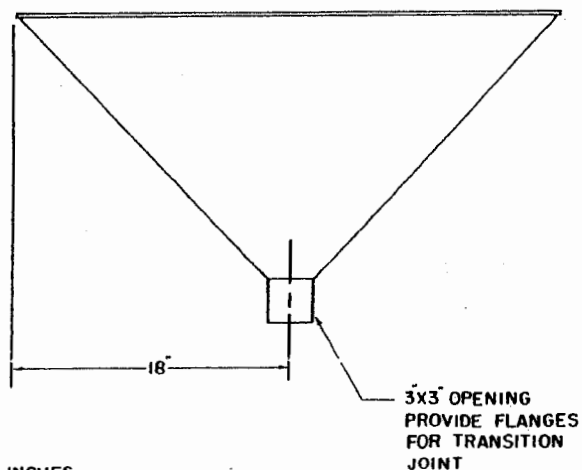
TOP CHAMBER

DUCT EXTENDS
INTO TOP CHAMBER
4 INCHES



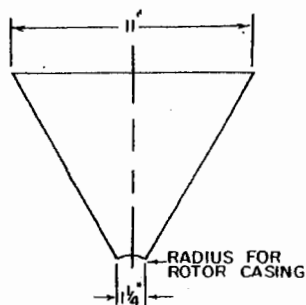
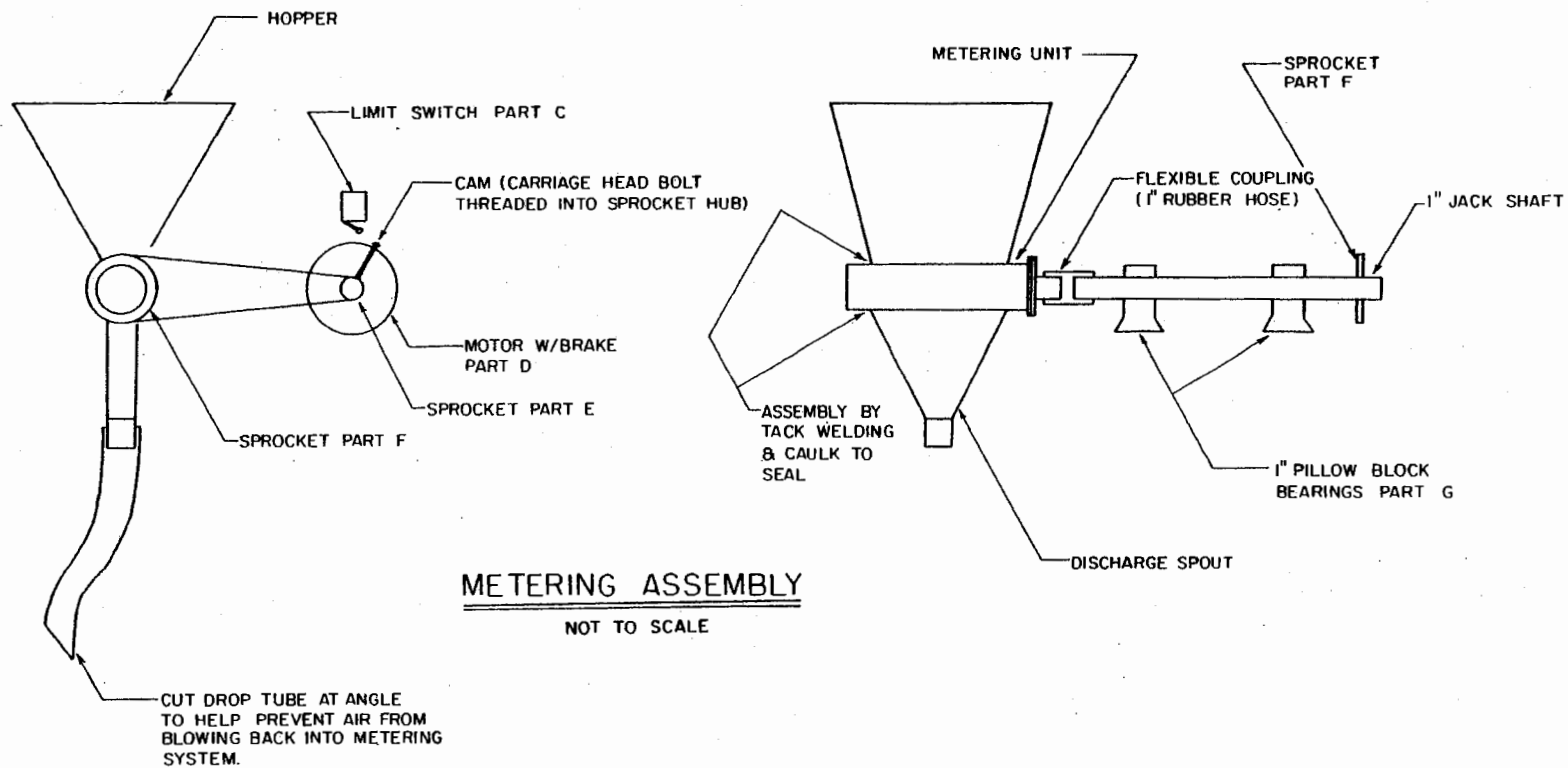
BOTTOM CHAMBER

NOTES: ALL DIMENSIONS IN INCHES
MAT'L - 16 GA. SHEET METAL



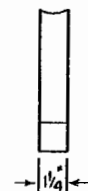
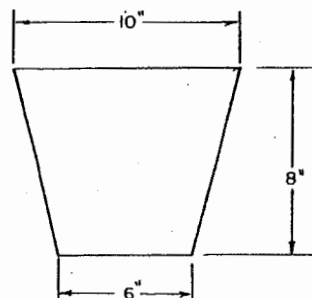
POTATO DUSTER

ENGINEER	PARISH	SCALE	1" = 6"
DRAWN BY	CHANEY	SHEET	2 OF 4
TRACED BY	NICHOLS	DATE	7-'88 NO. 40-04



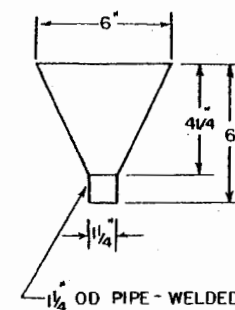
HOPPER DETAIL

MAT'L - 16 GA SHEET STEEL
SCALE: 1/4" = 1"



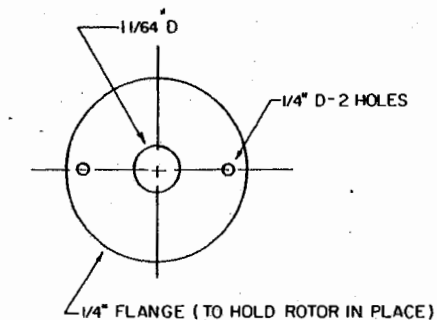
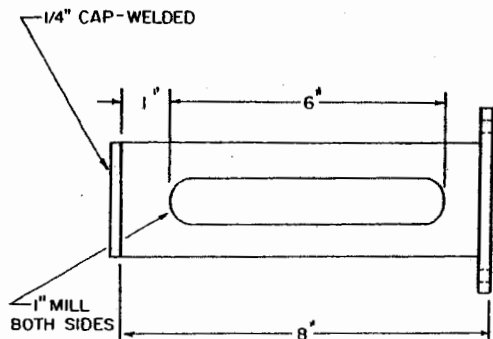
DISCHARGE SPOUT DETAIL

MAT'L - 16 GA. SHEET STEEL
SCALE: 1/4" = 1"



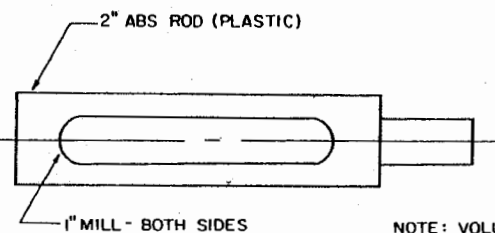
POTATO DUSTER

ENGINEER	PARISH	SCALE	AS SHOWN
DRAWN BY	CHANEY	SHEET	3 OF 4
TRACED BY	NICHOLS	DATE	7-'88 NO. 40-04

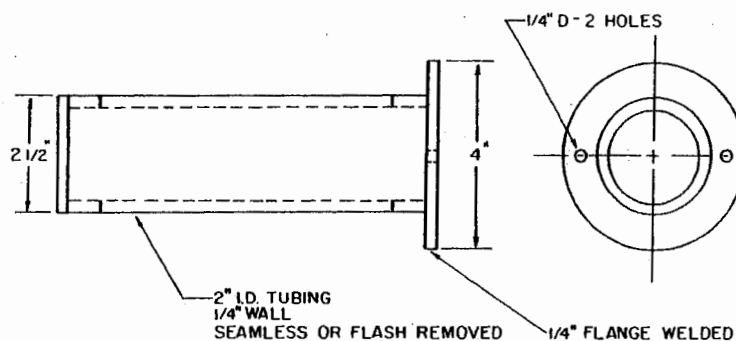


CLOSING FLANGE

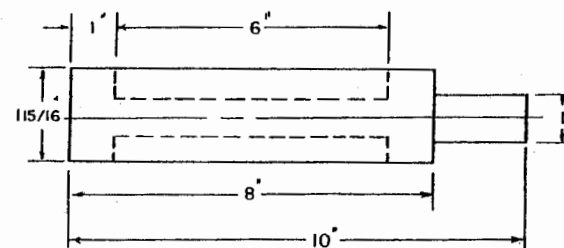
METERING UNIT



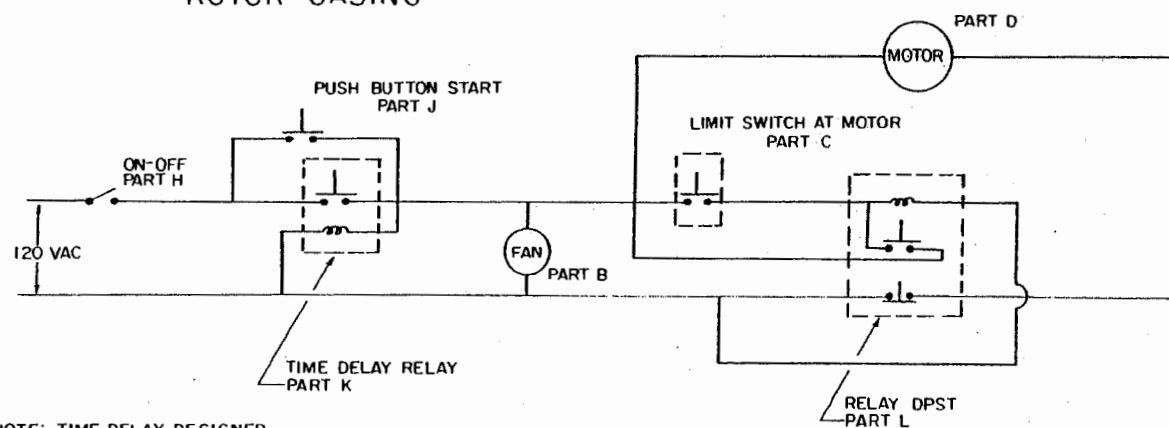
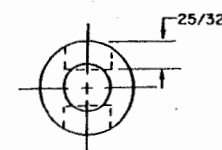
NOTE: VOLUME OF SLOT SIZED TO DELIVER APPROXIMATELY 2 OUNCES OF 5% IMMIDAN



ROTOR CASING



ROTOR



NOTE: TIME DELAY DESIGNED TO ALLOW FAN TO RUN FOR PRESET LENGTH OF TIME TO ALLOW FULL CIRCULATION OF DUST

WIRING DIAGRAM



POTATO DUSTER

ENGINEER	PARISH	SCALE	1/2" = 1"
DRAWN BY	CHANEY	SHEET	4 OF 4
TRACED BY	NICHOLS	DATE	7-1-88
		NO	40-04

Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.