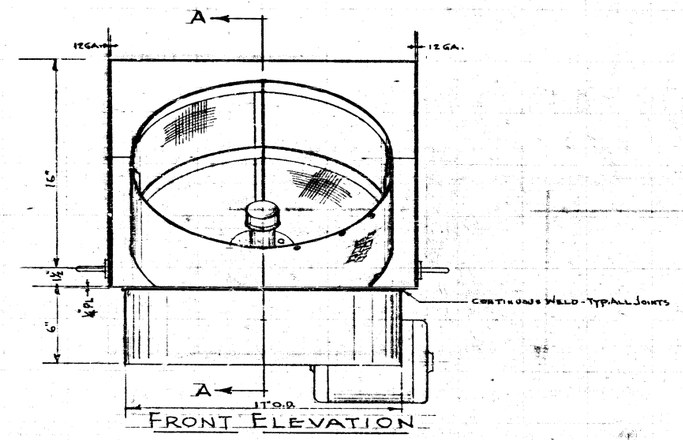
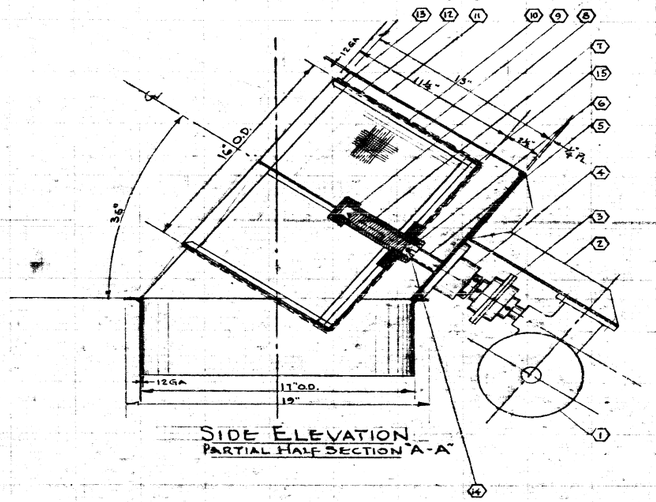
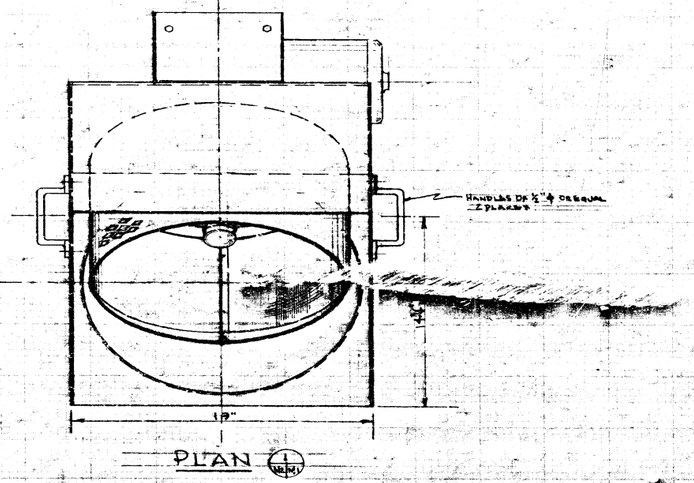


FRONT ELEVATION



SIDE ELEVATION
PARTIAL HALF SECTION "A-A"



PLAN (1 SCALE)

REVISIONS

SYM	DESCRIPTION	DATE	APPROVED

EQUIPMENT LIST

ITEM	QUAN	DESCRIPTION
1	1	GENERAL ELECTRIC RIGHT ANGLE GEAR MOTOR MODEL NO. 14 RCF A2603 - ¾ H.P. 110 V. 60 CY. 1 PH. - 58 R.P.M. OUTPUT SPEED.
2	1	GEAR MOTOR DRIVE SUPPORT BRACKET - MAKE FROM 1 GA 2"x4" CHANNEL - DRILL FOR GEAR MOTOR DRIVE MOUNTING AND ATTACHMENT TO ¼" BACK PLATE OF HOOD.
3	1	LINK BELT FLEXIBLE COUPLING NO. RC 3012 WITH HOUSING H4 RC 3012 H - ONE SIDE BORED FOR 1" DIA. SHAFT, THE OTHER END BORED TO MATCH OUTPUT SHAFT OF GEAR MOTOR.
4	1	LINK BELT FLANGED DOUBLE ROLLER BEARING No. F 4 16 FOR 1" SHAFT - MOUNT TO ¼" DRUM PLATE OF HOOD.
5	1	DRIVE SHAFT - 1" DIA. x 22" C.R. STEEL WITH A 30° TAPERED POINT AND DRILLED FOR ¼" X 2" ROLL PIN, ITEM No. 14
6	1	1" M.I. FLOOR FLANGE - MACHINE ¾" x ½" SLOT, BOTH SIDES TO ENGAGE ROLL PIN ITEM No. 14
7	1	1" X 6" E.H. BLK. STL. NIPPLE - BORED 1" DIA. FOR 1" SHAFT ITEM 5
8	1	1" M.I. PIPE CAP
9		FLATTENED EXPANDED METAL, CARBON STEEL, 20 GAGE, ¾" x ¼" - WITH OPENING 5/16" DP. 9/64" K.D. - BLACK PVC SCREEN FOR FLATTENED SCREENS, ITEM 10 - FASTEN TO BANDS, ITEM 12 AND ¾" ANGLES, ITEM 12 @ 6" CENTERS WITH 10-32 F.H. MACH. SCREWS WITH FLAT WASHERS BOTH SIDES BOTTOM
10		¾" SQ. WIRE MESH PHOSPHOR BRONZE SCREEN, BETWEEN FRAME & EXPANDED METAL, ITEM 9
11		12 GAGE CARBON STL. SHEET - JOINTS CONTINUOUS WELDED.
12		¾" X ¾" X ⅛" STEEL ANGLES - 4 PCS @ 90° ϕ 3 PCS FOR BOTTOM, WELDED IN PLACE TO 1" WIDE RINGS OR SIDES & FLOOR FLANGE, HUB AT BOTTOM - DRILL AS REQUIRED TO ATTACH SCREENS, ITEMS 9 AND 10
13	1	¾" X 1" STRAP IRON RING - 15" O.D. WELD TO ¾" ANGLES, ITEM 12 AND DRILL FOR ATTACHING SCREENS, ITEMS 9 & 10
14	1	¼" X 2" ROLL PIN IN 1" DRIVE SHAFT, ITEM 5
15	1	¾" X 1" X 1" ANGLE IRON RING - 16" O.D. WELD TO ¾" ANGLE SPOKES IN BOTTOM, DRILL FOR ATTACHING SCREENS ITEMS 9 & 10

JIR 63-71472
TWR 53018

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RADIOACTIVE SCRAP OXIDATION FACILITY
– BUILDING 665 – SANTA SUSANA, CALIF.
ROTARY SCREEN ASSEMBLY & DETAILS

DRAWN	SELLK	SIZE	D
CHECKED		DWG NO.	303-665-M2
ENGINEER		SCALE	AS SHOWN
APPROVED		SHEET NO.	OF

REDUCED DRAWING