

REV	DATE	REV BY	CKD BY	ENG APP	REVISION RECORD
B	2-13-17	JWW			CHANGED PADDLE (PT# 17) AND LIFTING CABLE (PTs 73 TO 78) (A-2559)
A	08/12/14	WHH	CMH	CMH	A-2376, CHANGE MIXING CURTAIN & CHANGE TO PLATED HARDWARE

DRAWN BY	JWW	9/12/2013
CHECKED BY	WHH	9/13/2013
APPROVED BY	JWW	9/13/2013

Allen-Sherman-Hoff
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EDITOR, PENNSYLVANIA, U.S.A.

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PIN-PADDLE PUGMILL ASSEMBLY NO.: A-225757

ASSEMBLY OF PIN-PADDLE PUGMILL

PROJECT 213215-01

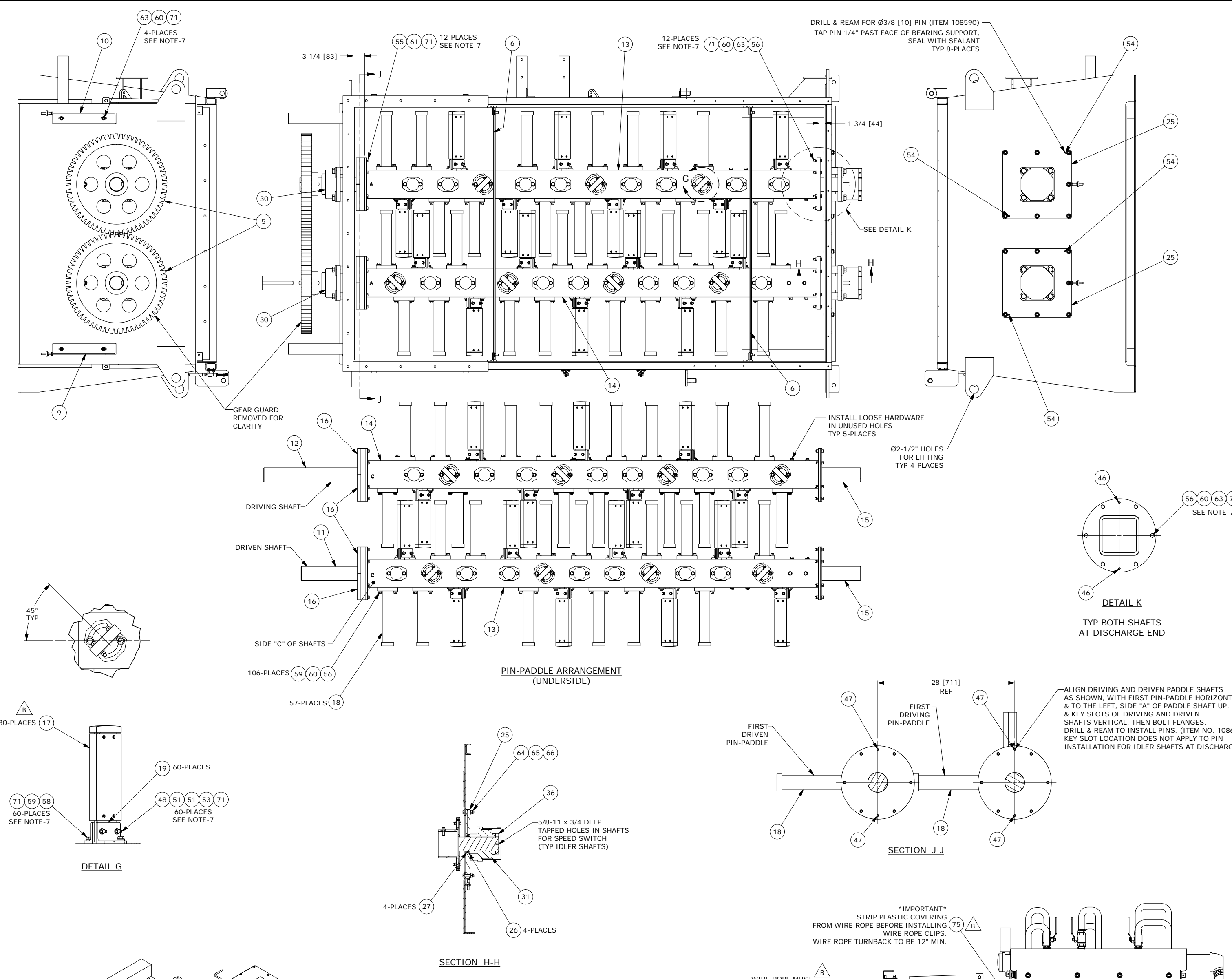
DWG NO. E-8049

SCALE: 1/8

SHEET 1 OF 2

11,000 CFH INTAKE CONNECTION FOR 30" ROTARY FEEDER

REV B



PART No.		QTY	ITEM NUMBER	DESCRIPTION
1	1	A-224805	TROUGH & LINER ASSY.	
2	1	224890	TROUGH COVER	
3	1	224894-2	INLET COVER 11K PUGMILL, ROT. FEEDER CONNECTION	
4	1	A-224751-3	SPRAY HEADER	
5	2	108659	SPUR GEAR	
6	2	225842	MIXING CURTAIN	
7	1	224886	MIXING CURTAIN COVER	
8	1	224885	CURTAIN COVER SUPPORT	
9	1	224883	DRIVE GUARD SUPPORT	
10	1	224883-1	DRIVE GUARD SUPPORT (O.H.)	
11	1	18773-2	DRIVEN SHAFT	
12	1	18774-2	DRIVING SHAFT	
13	1	225112N	DRIVEN PADDLE SHAFT	
14	1	225111N	DRIVING PADDLE SHAFT	
15	2	18775-2	IDLER SHAFT	
16	4	18931	SPLIT FLANGE	
17	30	227046	11000 PUGMILL UHMW PADDLE WITH AR TIP	
18	57	225113	PIN PADDLE	
19	60	19830-1	PADDLE BRACKET	
20	1	224969	DISCHARGE MIXING COVER SUPPORT	
21	1	224970	DISCHARGE END COVER	
22	1	19732	TOP INSPECTION DOOR	
23	1	224891	INSPECTION COVER	
24	2	224888	SIDE ACCESS DOOR	
25	4	18888-1	BEARING SUPPORT PLATE	
26	4	108626	SHAFT DUAL LIP SEAL	
27	4	108625	SHAFT LIP SEAL	
28	2	225000	COVER CLAMP	
29	1	18898-2	GEAR GUARD	
30	2	108517	BEARING - FIXED	
31	2	108518	BEARING - EXPANSION	
32	2	224814	BEARING COVER	
33	1	19841	SAFETY CATCH	
34	2	19967	SAFETY CATCH	
35	2	104155	ASH MONOGRAM	
36	2	108520	4" I.D. THRUST COLLAR	
37	1	224893	COVER SUPPORT	
38	1	225006	NON-STICK SHEET	
39	12	225225	1/8" X 2-3/8" COTTER PIN, SS	
40	4	223149	3/16" X 2" COTTER PIN, SS	
41	22	226234	1/4-20 X 1" HEX CAP SCREW, PLATED	
42	8	226092	1/4-20 X 3/4" HEX HEAD CAP SCREW, PLATED	
43	30	226232	1/4" PLAIN WASHER, PLATED	
44	8	226093	1/4" LOCK WASHER, PLATED	
45	22	226394	1/4-20 HEX NUT, FLEX LOCK, PLATED	
46	4	108589	3/8 X 1" SPRING PIN	
47	4	108618	3/8" X 1 5/8" SPRING PIN	
48	60	226088	3/8"-16 X 2 1/2" HEX HEAD BOLT, PLATED	
49	52	226085	3/8-16 X 1" HEX HEAD CAP SCREW, PLATED	
50	52	226087	3/8" LOCK WASHER, PLATED	
51	120	108503	3/8" PLAIN WASHER, HARDENED, PLATED	
52	2	226664	3/8" PLAIN WASHER, PLATED	
53	60	226416	3/8-16 HEX LOCK NUT, HEAVY, PLATED	
54	8	108590	3/8 X 1-1/2" SPRING PIN	
55	12	226220	1/2-13 X 3 HEX HEAD BOLT, PLATED	
56	134	226414	1/2"-13 X 2" HEX HEAD BOLT, GR 5, PLATED	
57	4	226276	1/2-13 X 1-1/2" HEX HEAD CAP SCREW, PLATED	
58	94	226434	1/2-13 X 1 1/4 HEX HEAD CAP SCREW, GRADE 8, PLATED	
59	184	108802	1/2" PLAIN WASHER HARDENED	
60	260	226089	1/2" SAE PLAIN WASHER, PLATED	
61	33	225817	1/2" LOCK WASHER, PLATED	
62	37	225379	1/2-13 HEX NUT, PLATED	
63	23	108497	1/2"-13 FLEX TOP LOCK NUT PLATED	
64	28	100475E	5/8-11 HEX NUT, PLATED	
65	28	226191	5/8" LOCK WASHER, PLATED	
66	28	226192	5/8" SAE PLAIN WASHER ZINC PLATED	
67	16	101870E	7/8-9 X 3 1/4 HEX HEAD BOLT, STEEL, PLATED	
68	16	226667	7/8" LOCK WASHER, PLATED	
69	2	222609	1 1/4" X 3" CLEVIS PIN, PLATED	
70	4	101910	1-1/4 PLAIN WASHER, STEEL	
71	1	108317	THREAD LOCKING SEALANT	
72	1	224982	1/2" D-SHACKLE	
73	1	226863	PULLEY, 4" DIA FOR 3/8" WIRE ROPE	
74	1	226864	WIRE ROPE 3/8" DIA	
75	3	226865	WIRE ROPE CLIP, 3/8" WIRE ROPE	
76	1	226862	HAND WINCH	
77	1	226866	5/16" D-SHACKLE	
78	1	226867	THIMBLE FOR 3/8" WIRE ROPE	

- NOTES:**
1. APPLY SILICONE SEALANT FOR DUST TIGHT ASSEMBLY.
 2. MAXIMUM CAPACITY: 11,000 CFH AT 65% FULL.
 3. SHAFT SPEED: 55 RPM
 4. WATER REQUIREMENTS: 435 GPM MAX., AT 60 PSI. 60 PSI WATER PRESSURE IS REQUIRED AT THE SPRAY NOZZLES FOR BEST PERFORMANCE. A PRESSURE CONTROL DEVICE MAY BE REQUIRED TO PREVENT WIDE FLUCTUATIONS IN WATER PRESSURE AT THE NOZZLES.
 5. TOTAL DEAD LOAD: 9,600 LBS. (4355 KG.)
 6. TOTAL LIVE LOAD: 19,000 LBS. (8636 KG.)
 7. APPLY LOCTITE THREAD LOCKER (ITEM NO. 108317) TO EACH BOLT.
 8. AT ASSEMBLY, DO NOT INSTALL NOZZLES BEFORE INSTALLING THE NON-STICK SHEET (ITEM NO. 225006). USE NOZZLE HOLES IN COVER AS A TEMPLATE FOR PENETRATIONS IN THE NON-STICK SHEET. THEN USE 5/16 DIA. HOLES IN COVER AS A DRILLING GUIDE FOR THE MOUNTING HARDWARE IN THE LOCATIONS SHOWN.
 9. U-BOLTS REQUIRED TO FASTEN SPRAY HEADER [A-224751] TO TROUGH COVER AND PUGMILL TROUGH ARE INCLUDED IN A-224751 ASSEMBLY. (SUPPLIED BY FABRICATOR).
 10. THE THREE (3) WIRE ROPE CLIPS (PT# 75) ARE TO BE SPACED 2" AS SHOWN IN DETAIL M, AND THEN TIGHTEN WIRE ROPE CLIPS TO 45 FT-LBS.

UNLESS OTHERWISE SPECIFIED FINISH SURFACE LIMIT IS TO BE $\sqrt{125}$

DIMENSIONAL LIMITS ON UNFINISHED SURFACES ARE TO BE:
 DIM UP TO 12" [305]: $\pm 1/32$ [.8]
 DIM OVER 12" [305]: $\pm 1/16$ [1.6]

ANGULAR: $\pm 1/4^\circ$

DEBURR CORNERS & BREAK SHARP EDGES.

DIMENSIONS IN [] ARE METRIC.

ALL WELDING & FABRICATION PER A-S-H CO. SPEC. F-5-76.

PIN-PADDLE PUGMILL ASSEMBLY NO.: A-225757

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ASSEMBLY OF PIN-PADDLE PUGMILL		PROJECT: 213215-01
11,000 CFH INTAKE CONNECTION FOR 30" MYER ROTARY FEEDER		DWG NO: E-8049
SCALE: 1/8"	SHEET 2 OF 2	REV B