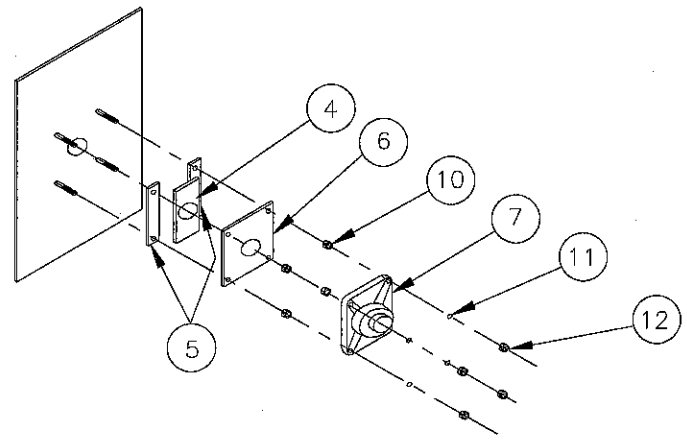
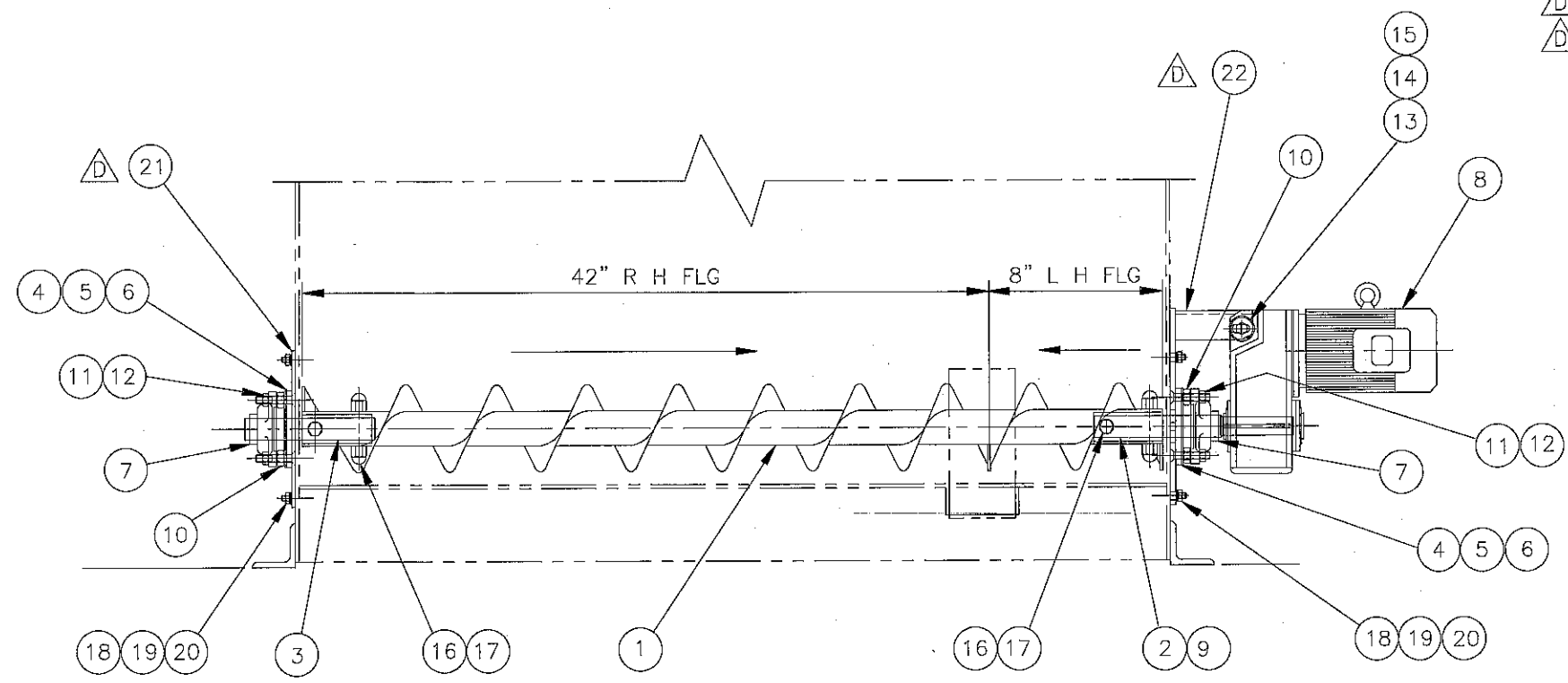


A B C D E F G H

1
2
3
4
5
6



TYPICAL BEARING MOUNTING ASSEMBLY



BILL OF MATERIAL

DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	678903	99C0822	CONV./SCR. 6" HELI 50.00" LG. 6.00P 6H312 STD BOLT PATT 8" L.H. FLTG/42" R.H. FLTG.
2	1	724158	00B0205	SHAFT/DRIVE W/TAPPED END
3	1	077528	44A0414	SHAFT/TAIL-SCREW CONVEYOR
4	2	489218	89D0152	SEAL/FELT-BEARING
5	4	489620	89D0152	SPACER/SEAL
6	2	489219	89D0152	RETAINER/SEAL
7	2	098276		BRG/FG4 1.5000" BORE
8	1	675959		GEARMOTOR 0.75HP
9	1	502018		KEY .250" SQ. X 4.500" LG.
10	8	500063		5/8" NC HEX NUT
11	8	500116		1/2" LOCK WASHER
12	8	500062		1/2" NC HEX NUT
13	1	500229		1/2" NC HEX HD SCR X 3-1/2"
14	2	500106		1/2" FLAT WASHER
15	2	500071		1/2" NC HEX JAM NUT
16	4	501659		1/2" NC STUD X 3-1/2"
17	8	079950	99B0158	1/2" NC HARDENED CAP NUT
18	16	500104		3/8" FLAT WASHER
19	16	500115		3/8" LOCK WASHER
20	16	500060		3/8" NC HEX NUT
21	1	735767	04C0020	BEARING ADAPTER PLATE
22	1	735768	04C0021	REDUCER ADAPTER PLATE

REV.	ZONE	DESCRIPTION	DATE	BY
D	F-3	ADDED ITEMS 21 AND 22	1/23/04	JKM
C		REDRAWN IN AUTOCAD	9/23/03	JKM

REVISIONS

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FIRST USED STANDARD REF. PN/ CAT. NO. 678893

TOLERANCE UNLESS OTHERWISE SPECIFIED

ANGLES ± 1'

FRACTIONS ± 1/16

2 PL DEC ± .06

3 PL DEC ± .005

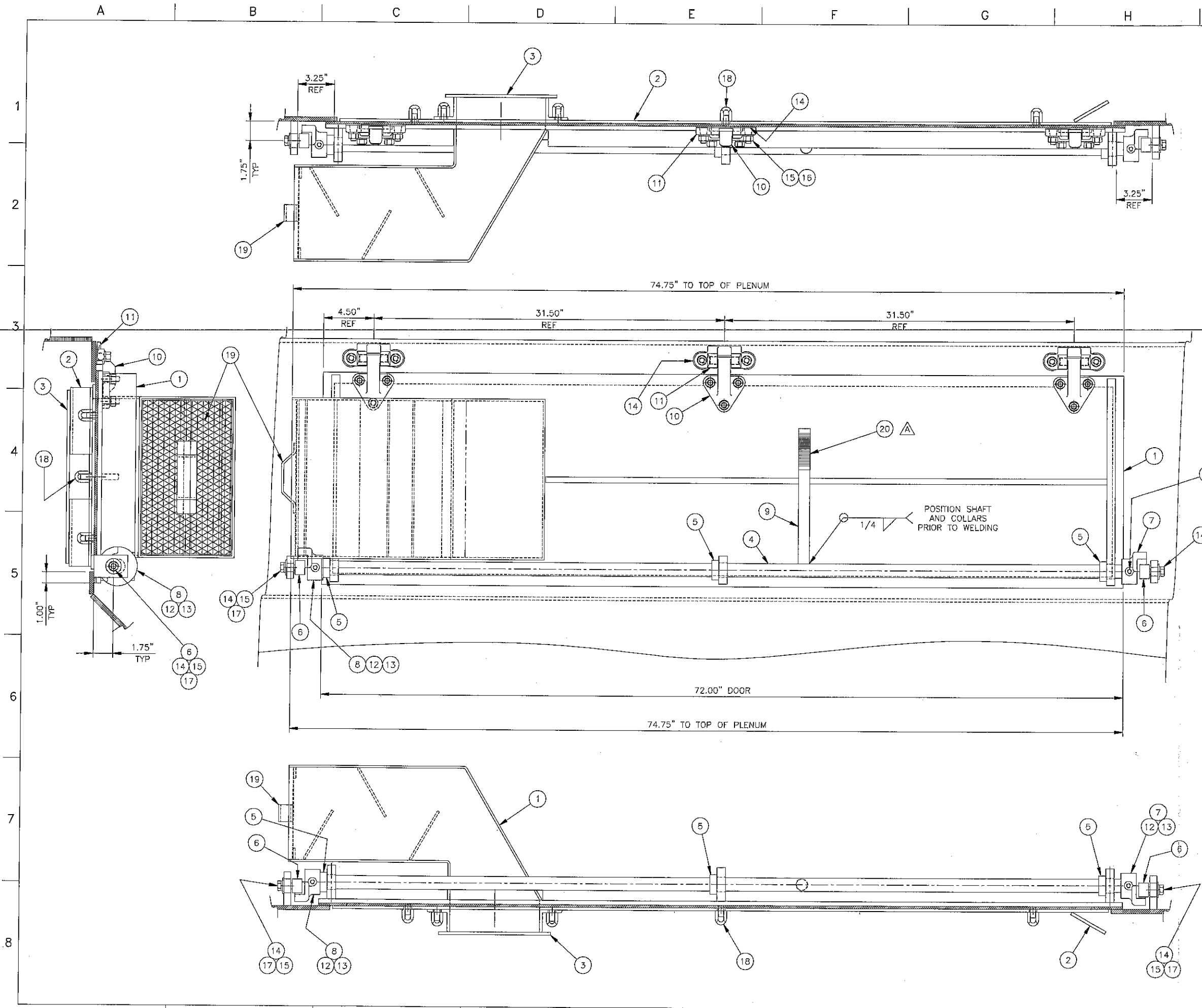
WHEELABRATOR
SURFACE PREPARATION GROUP

LOWER SCREW CONVEYOR ASSEMBLY
WS 4/210 'A' SPINNER HANGER

SCALE 1/8" = 1" DRAWN GAD
DATE 11/6/89 SHEET 01 OF 01

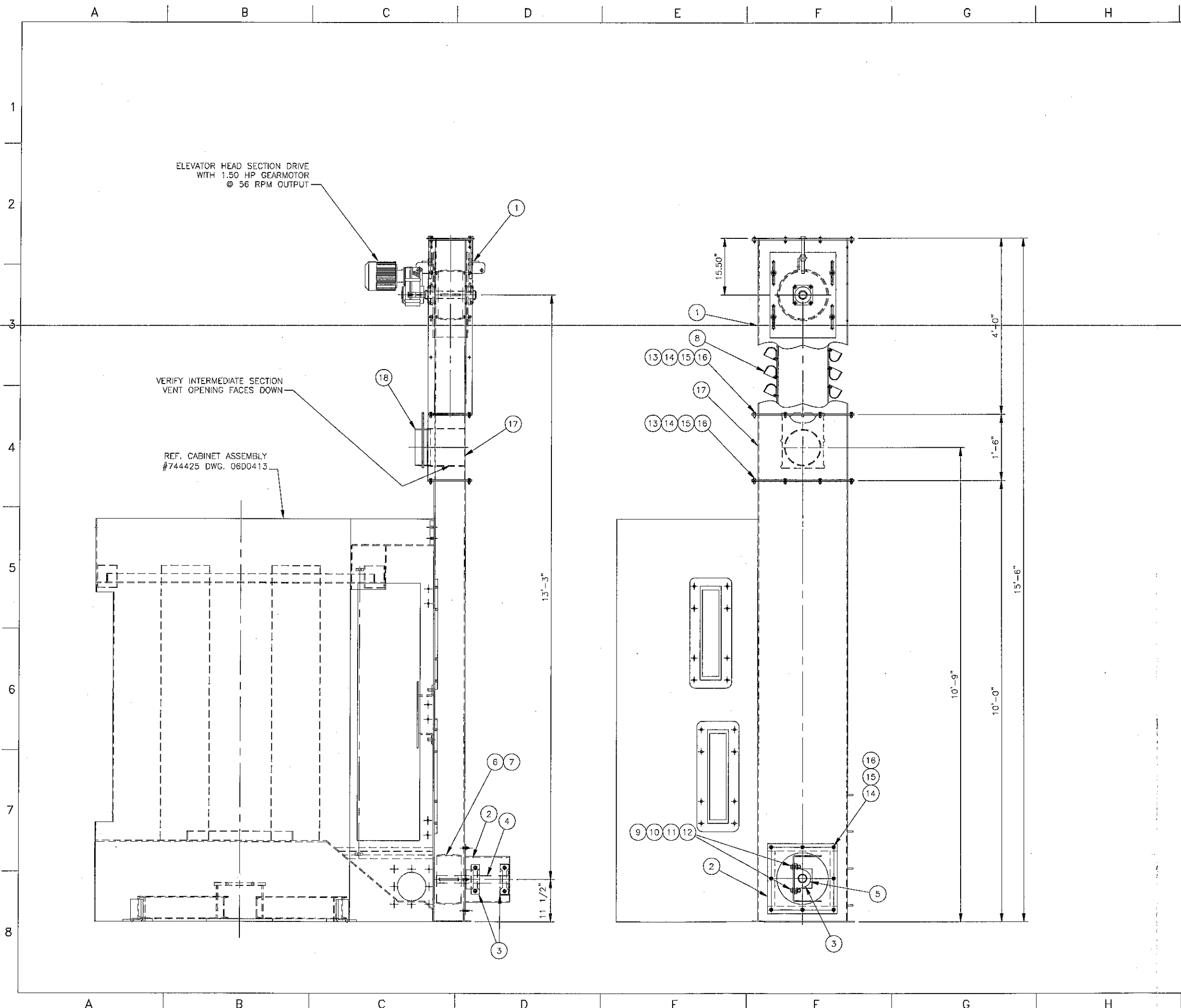
89C5044

A B C D E F G H



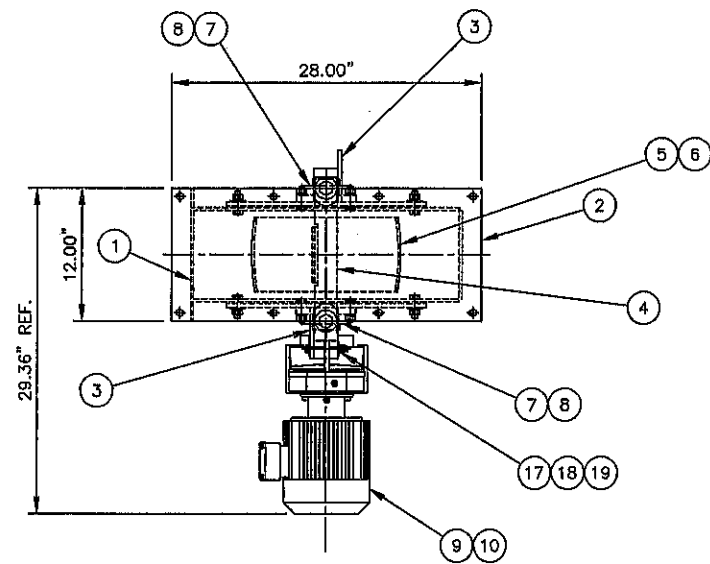
BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	725541	00D1111	SERVICE DOOR W/VENT PLENUM
2	1	725542	00D1112	DOOR LINER
3	1	725543	00D1113	DOOR VENT BAFFLE
4	1	678953	89B5075	LOCKING SHAFT
5	3	060218		LOCKING COLLAR
6	2	288146		CAM FOLLOWER BEARING
7	1	018968	37B0448	LOCKING CAM - RH
8	1	018967	37B0446	LOCKING CAM - LH
9	1	678954	89B5076	HANDLE
10	3	114270	92D0331	HINGE/INSPECTION DOOR
11	3	114271	92D0331	LUG/INSPECTION DOOR HINGE
12	2	501911		KEY, 1/2 SQ x 1.25 LG
13	2	500840		SET SCR 3/8-16 x .50
14	8	500106		WASHER/FLAT 1/2
15	17	500116		WASHER/LOCK 1/2
16	15	500062		NUT/HEX 1/2-13
17	2	501388		JAM NUT/HEX 1/2-20
18	8	220040		CAST CAP NUT 1/2"-13
19	1	718091	98B0149	VENT SCREEN
20	1	453290		HANDLE GRIP

B	J-2	ITEM 18 WAS 079950	1/30/02	JKM
A	F-4	ADDED ITEM 20 - HANDLE GRIP	1/28/02	JKM
REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED STANDARD		REF. PN/ 678941	CAT. NO. 725540	
TOLERANCE UNLESS OTHERWISE SPECIFIED				
ANGLES ± 1°		SERVICE DOOR ASSY		
FRACTIONS ± 1/16		WS 4/210 SPINNER HANGER		
2 PL DEC ±.06		SCALE 1/4" = 1"		
3 PL DEC ±.005		DATE 08/21/00 SHEET 1 OF 1		
		00D1110		



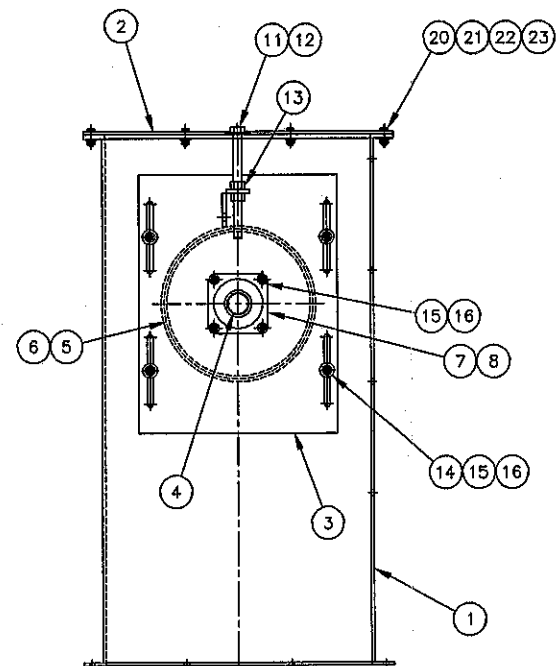
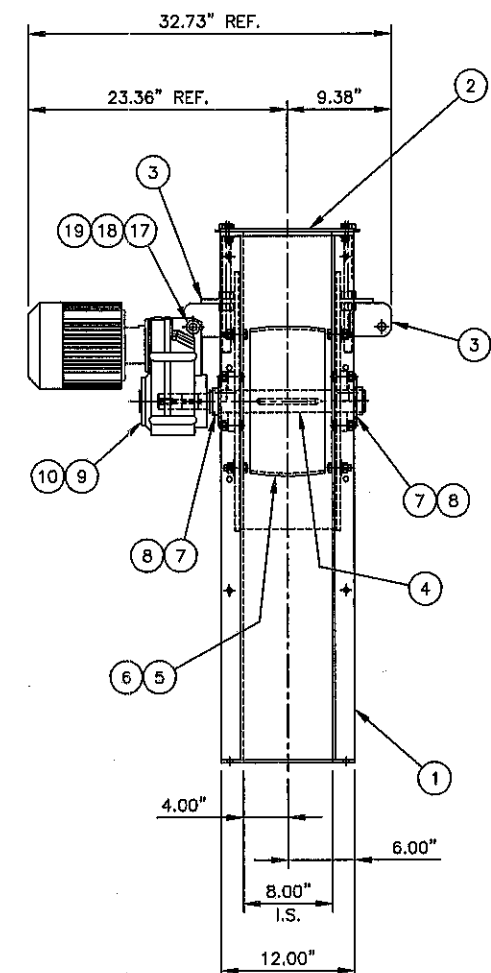
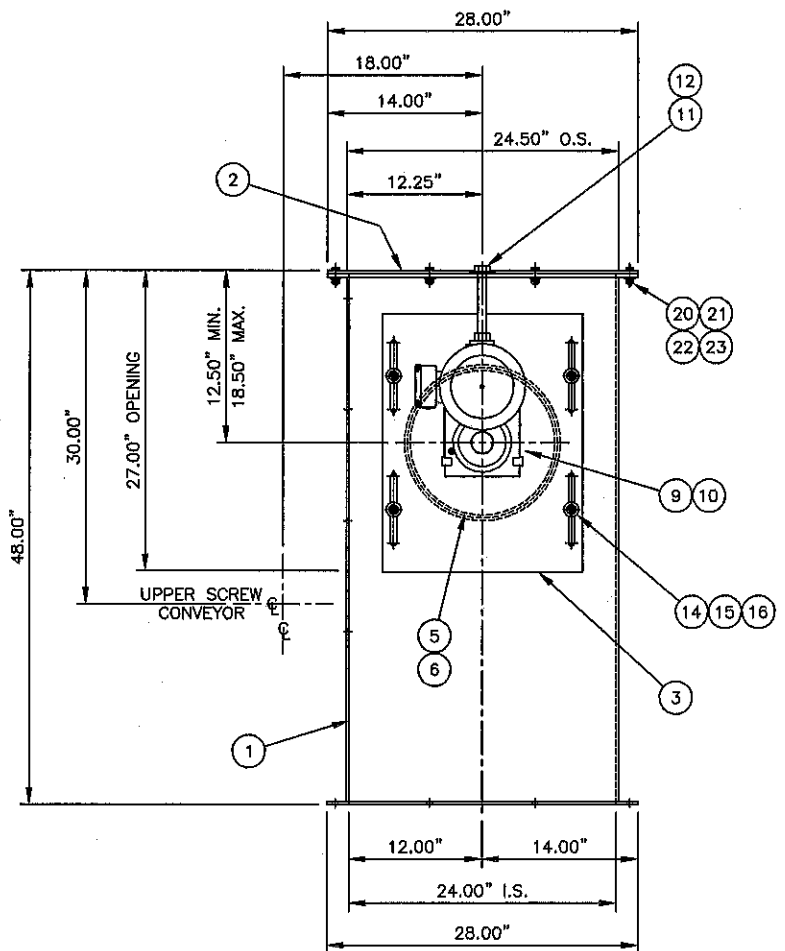
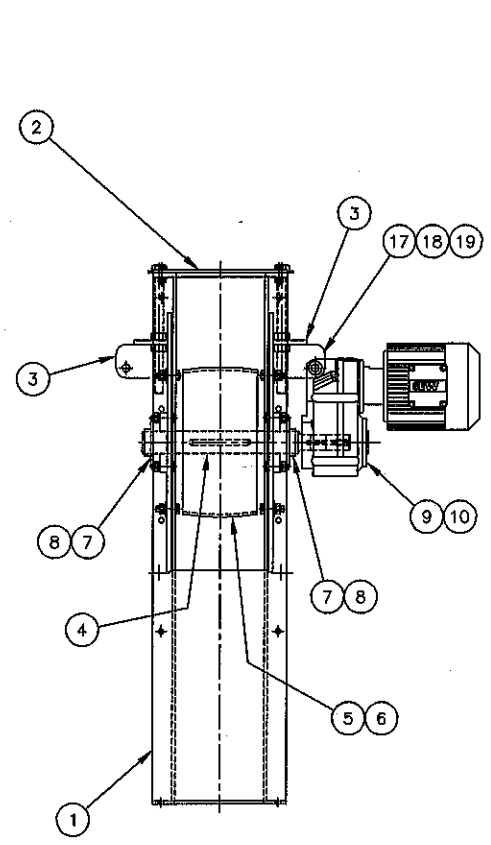
BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	744384	06D0396	HEAD SECTION ASSEMBLY
2	1	744412	06D0408	BEARING MOUNTING BRACKET
3	2	099742	-	BEARING PB2 SC 2.00"Ø
4	1	744444	06B0131	BOOT SECTION PULLEY SHAFT
5	1	684452	82C0560	SHAFT SEAL ASSEMBLY
6	1	737791	-	PULLEY 12.75"ØD W/3/8" LAGGING
7	1	501938	-	KEY 1/2" X 1/2" X 5.00"
8	1	744932	04D0800	ELEVATOR BELT ASSEMBLY
9	4	500249	-	5/8-11 X 2.25" HEX HD CAP SCR
10	8	500107	-	5/8" FLAT WASHER
11	4	500117	-	5/8" LOCK WASHER
12	4	500063	-	5/8"-11 HEX NUT
13	8	500768	-	3/8-16 X 1.25" HEX HD CAP SCR
14	24	500104	-	3/8" FLAT WASHER
15	16	500115	-	3/8" LOCK WASHER
16	16	500060	-	3/8"-16 HEX NUT
17	1	745048	06D0654	INTERMEDIATE SECTION W/VENT
18	1	094409	47D0675	10" BLAST GATE

B	ALL	UPDATED DIMENSION & #17 DWG NO.	10-24-07	MJL
A	BOM	ITEM 17 WAS 744934; ADDED ITEM 18	8-22-06	MJL
REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED	3348	REF. PN/744443	CAT. NO. 7444931	
TOLERANCE UNLESS OTHERWISE SPECIFIED				
ANGLES	± 1'	8" X 24" ELEVATOR ASSEMBLY		
FRACTIONS	± 1/16	WS-4/210 'A' SPINNER HANGER MACHINE		
2 PL DEC	± .06	SCALE 1" = 12"	DRAWN KDC	CAD
3 PL DEC	± .005	DATE 08/07/2006	SHEET 01 of 01	06D0604



NOTE:
SEE GENERAL ARRANGEMENT
DRAWING FOR ARRANGEMENT OF
HEAD SECTION ASSEMBLY.

BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	737794	04D0748	HEAD SECTION WELDMENT
2	1	690599	94C0562	TOP COVER PLATE
3	2	743194	06D0023	TAKE-UP PLATE
4	1	743197	06B0010	HEAD SECTION SHAFT
5	1	737791		PULLEY 12.75"OD W/3/8" LAGGING
6	1	501938		KEY 1/2" X 1/2" X 5.00"
7	2	676889	B3C0317	SHAFT FELT SEAL
8	2	098280		BEARING FG4 2.00" B
9	1	744368		GEARMOTOR 1.50 HP 56 RPM
10	1	503845		KEY 5/16" X 5/16" X 3.75"
11	2	120330	64C1969	3/4-10 X 11.00" HEX HD TAKE-UP BOLT
12	2	500108		3/4" FLAT WASHER
13	2	500064		3/4-10 HEX NUT
14	8	500106		1/2" FLAT WASHER
15	16	500116		1/2" LOCK WASHER
16	16	500062		1/2-13 HEX NUT
17	1	503152		7/16-14 X 3.50" HEX HD CAP SCR
18	2	500105		7/16" FLAT WASHER
19	2	501554		7/16-14 HEX JAM NUT
20	8	500768		3/8-16 X 1.25" HEX HD CAP SCR
21	8	500104		3/8" FLAT WASHER
22	8	500115		3/8" LOCK WASHER
23	8	500060		3/8-16 HEX NUT



A	G-1	ADDED NOTE	6-2-06	MJL
REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED ELEVATOR		REF. PN/737797	CAT. NO. 744384	
TOLERANCE UNLESS OTHERWISE SPECIFIED				
ANGLES	± 1'	8" X 24" STD. ELEVATOR ASSY 1.50 HP		
FRACTIONS	± 1/16	8" X 24" ELEVATOR STANDARD		
2 PL. DEC	± .06	SCALE 1/8" = 1"	DRAWN MJL	06D0396
3 PL. DEC	± .005	DATE 05/25/2006	SHEET 01 of 01	

BELT ASSEMBLY CAT. NO.	BELT CAT. NO.	"A" BELT LENGTH	ELEVATOR HEIGHT REF.	NUMBER OF SPACES	QTY. OF BUCKETS ITEM #3	QTY. OF HARDWARE ITEMS #4, #5 & #6
		282.00" (23'-6")	12'-0"	53	54	108
		294.00" (24'-6")	12'-6"	55	56	112
743199	743198	306.00" (25'-6")	13'-0"	58	59	118
753157	753156	318.00" (26'-6")	13'-6"	60	61	122
744447	744446	330.00" (27'-6")	14'-0"	63	64	128
		342.00" (28'-6")	14'-6"	65	66	132
		354.00" (29'-6")	15'-0"	67	68	136
744932	744933	366.00" (30'-6")	15'-6"	70	71	142
		378.00" (31'-6")	16'-0"	72	73	146
743508	743507	390.00" (32'-6")	16'-6"	75	76	152
740682	740681	402.00" (33'-6")	17'-0"	77	78	156
		414.00" (34'-6")	17'-6"	79	80	160
		426.00" (35'-6")	18'-0"	82	83	166
		438.00" (36'-6")	18'-6"	84	85	170
		450.00" (37'-6")	19'-0"	87	88	176
		462.00" (38'-6")	19'-6"	89	90	180
		474.00" (39'-6")	20'-0"	91	92	184
		486.00" (40'-6")	20'-6"	94	95	190
		498.00" (41'-6")	21'-0"	96	97	194
		510.00" (42'-6")	21'-6"	99	100	200
		522.00" (43'-6")	22'-0"	101	102	204
		534.00" (44'-6")	22'-6"	103	104	208
		546.00" (45'-6")	23'-0"	106	107	214
		558.00" (46'-6")	23'-6"	108	109	218
		570.00" (47'-6")	24'-0"	111	112	224
737943	737942	582.00" (48'-6")	24'-6"	113	114	228
		594.00" (49'-6")	25'-0"	115	116	232
		606.00" (50'-6")	25'-6"	118	119	238
		618.00" (51'-6")	26'-0"	120	121	242
		630.00" (52'-6")	26'-6"	123	124	248
		642.00" (53'-6")	27'-0"	125	126	252
		654.00" (54'-6")	27'-6"	127	128	256
		666.00" (55'-6")	28'-0"	130	131	262
		678.00" (56'-6")	28'-6"	132	133	266
		690.00" (57'-6")	29'-0"	135	136	272
		702.00" (58'-6")	29'-6"	137	138	276
		714.00" (59'-6")	30'-0"	139	140	280
		726.00" (60'-6")	30'-6"	142	143	286
		738.00" (61'-6")	31'-0"	144	145	290
		750.00" (62'-6")	31'-6"	147	148	296
		762.00" (63'-6")	32'-0"	149	150	300
		774.00" (64'-6")	32'-6"	151	152	304
		786.00" (65'-6")	33'-0"	154	155	310
		798.00" (66'-6")	33'-6"	156	157	314
		810.00" (67'-6")	34'-0"	159	160	320

BELT MATERIAL: 254889

6" WIDE 2 PLY SYNTHETIC FABRIC CARCASS STYLE-1
MINIMUM TENSILE STRENGTH OF FABRIC-105 LBS. PER PLY
PER INCH OF WIDTH. PLYS HAVE A SKIM COAT OF RUBBER
BETWEEN THEM.

TOP COVER - MIN. .125" THICK
MAX. .156" THICK
PULLEY COVER - MIN. .031" THICK
MAX. .062" THICK
RUBBER COVERS - ABRASIVE RESISTANT R.M.A. GRADE 2
TENSION RATE - MIN. 160 P.I.W.

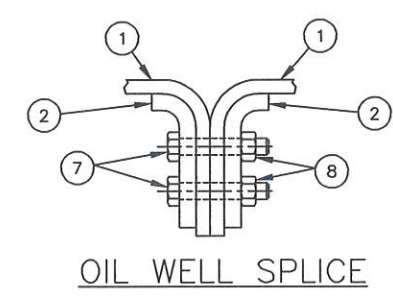
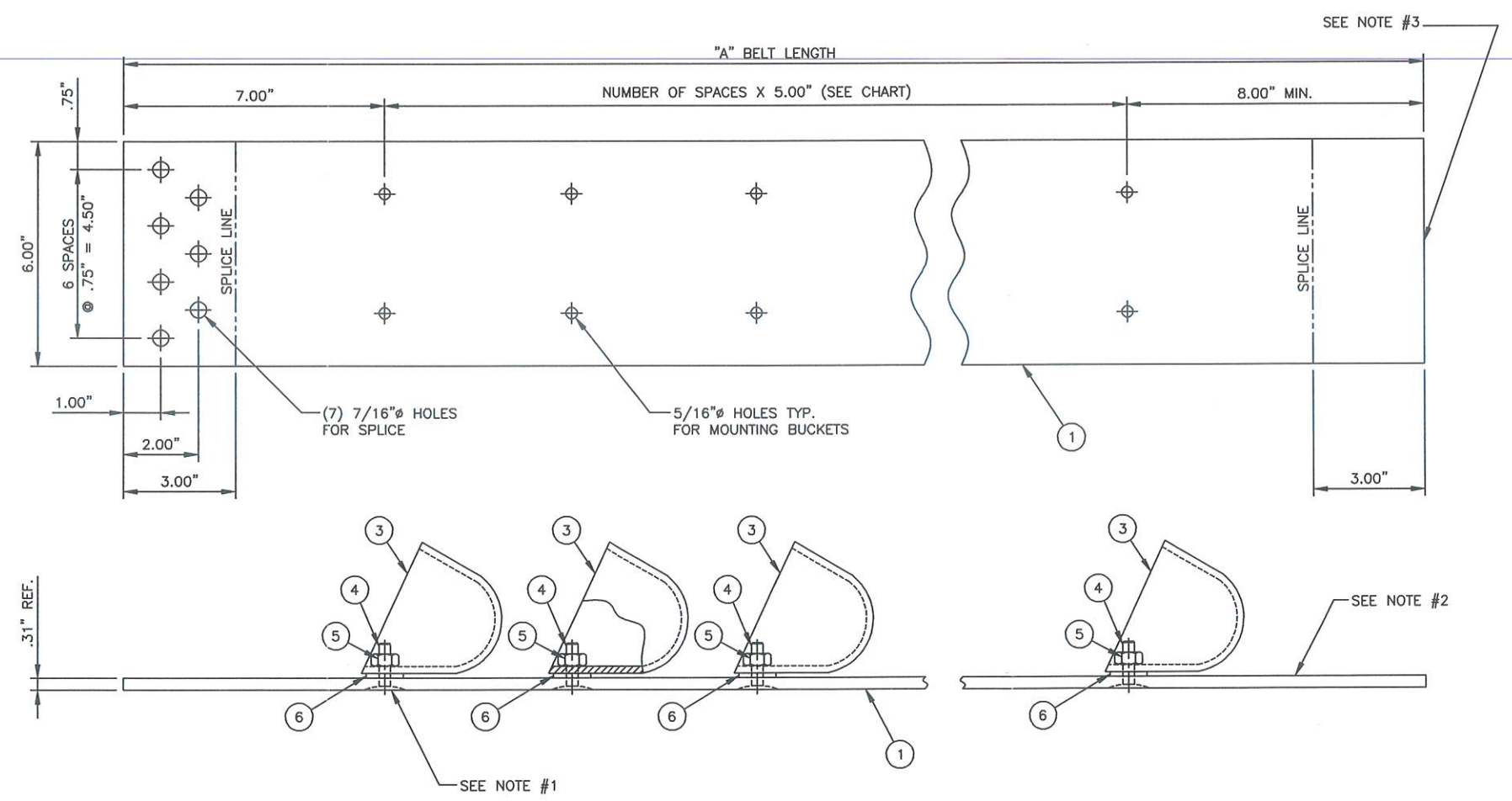
FOR INDUSTRIAL BUCKET ELEVATOR SERVICE
BUCKET PROJECTION - MAX. 6.00"
FOR A SPACED BUCKET APPLICATION
BUCKET PROJECTION - MAX. 5.00"
FOR CONTINUOUS BUCKET APPLICATION.

- NOTES**
- TIGHTEN ALL ELEVATOR BOLTS UNTIL HEAD IS RECESSED INTO BELT APPROXIMATELY .03".
 - ASSEMBLE BUCKETS ON SIDE OF BELT WITH THINNEST RUBBER COVERING.
 - CUT BELT EXCESS AT FINAL ASSEMBLY AND PUNCH HOLES REQUIRED FOR SPLICE END.
 - ELEVATOR BUCKET QUANTITY (ITEM #3) = NUMBER OF SPACES + 1
 - ELEVATOR BOLT QUANTITY (ITEM #4) = NUMBER OF BUCKETS X 2
 - HEX NUT QUANTITY (ITEM #5) = NUMBER OF BUCKETS X 2
 - FLAT WASHER QUANTITY (ITEM #6) = NUMBER OF BUCKETS X 2
 - ELEVATOR BELT LENGTH FORMULA:
BELT LENGTH = 2 X ELEVATOR HEIGHT - 6"

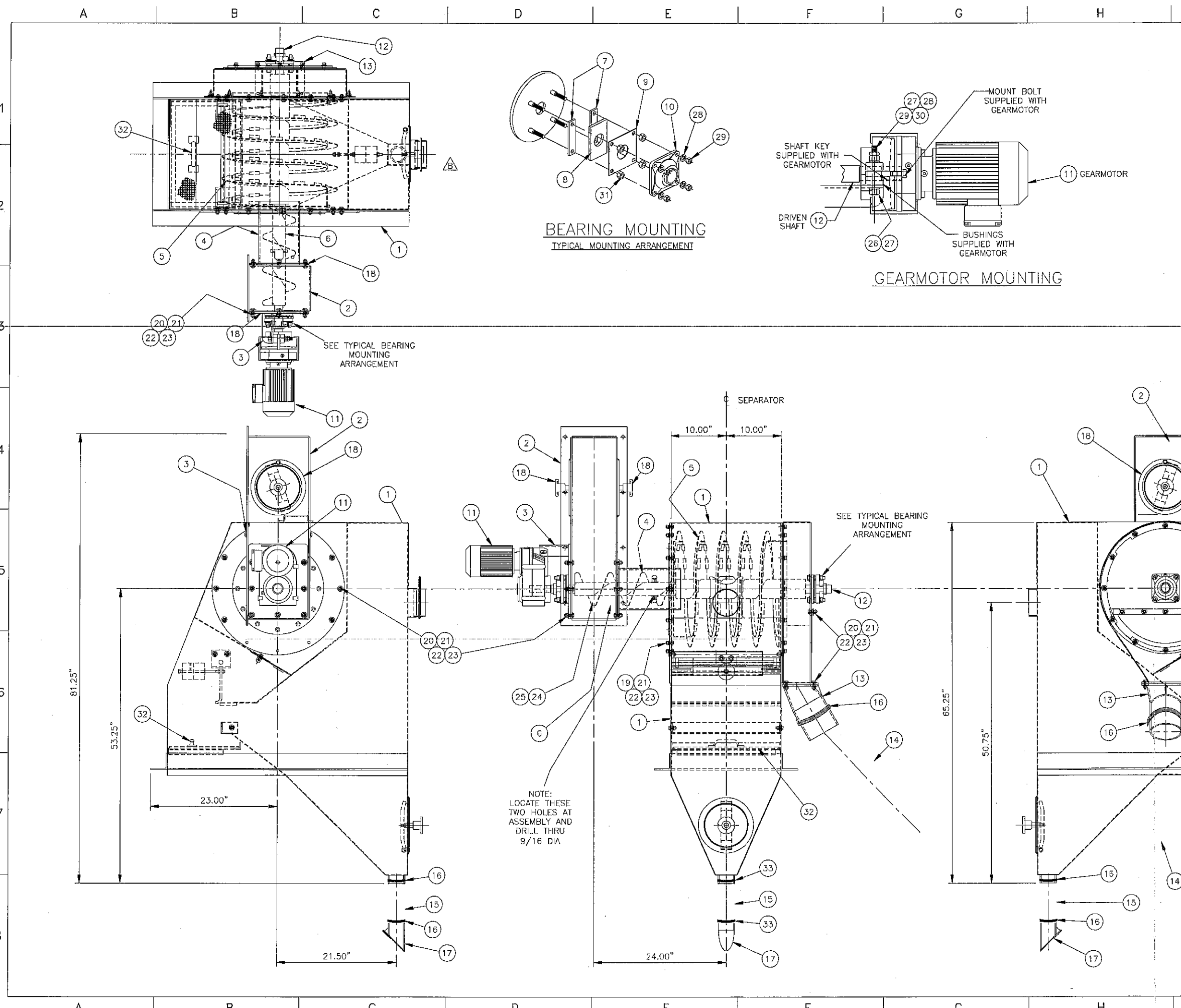
BILL OF MATERIAL

DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	SEE CHART		ELEVATOR BELT 6.00" X "A" LONG (SEE MATERIAL SPECIFICATIONS)
2	2	737974	04B0315	ELEVATOR BELT SPLICE BAR
3	*	016849	A016849	ELEVATOR BUCKET 5" X 3.5" X 3.75"
4	*	106510		5/16-18 X 1.25" ELEV BOLT GR2
5	*	500059		5/16-18 HEX NUT
6	*	017402		3/8" LEATHER FLAT WASHER
7	7	500200		3/8-16 X 2.00" HEX HD CAP SCR
8	7	500081		3/8-16 LOCK NUT

* SEE NOTES 4 THRU 7 FOR QTY OF ITEMS 3 THRU 6.



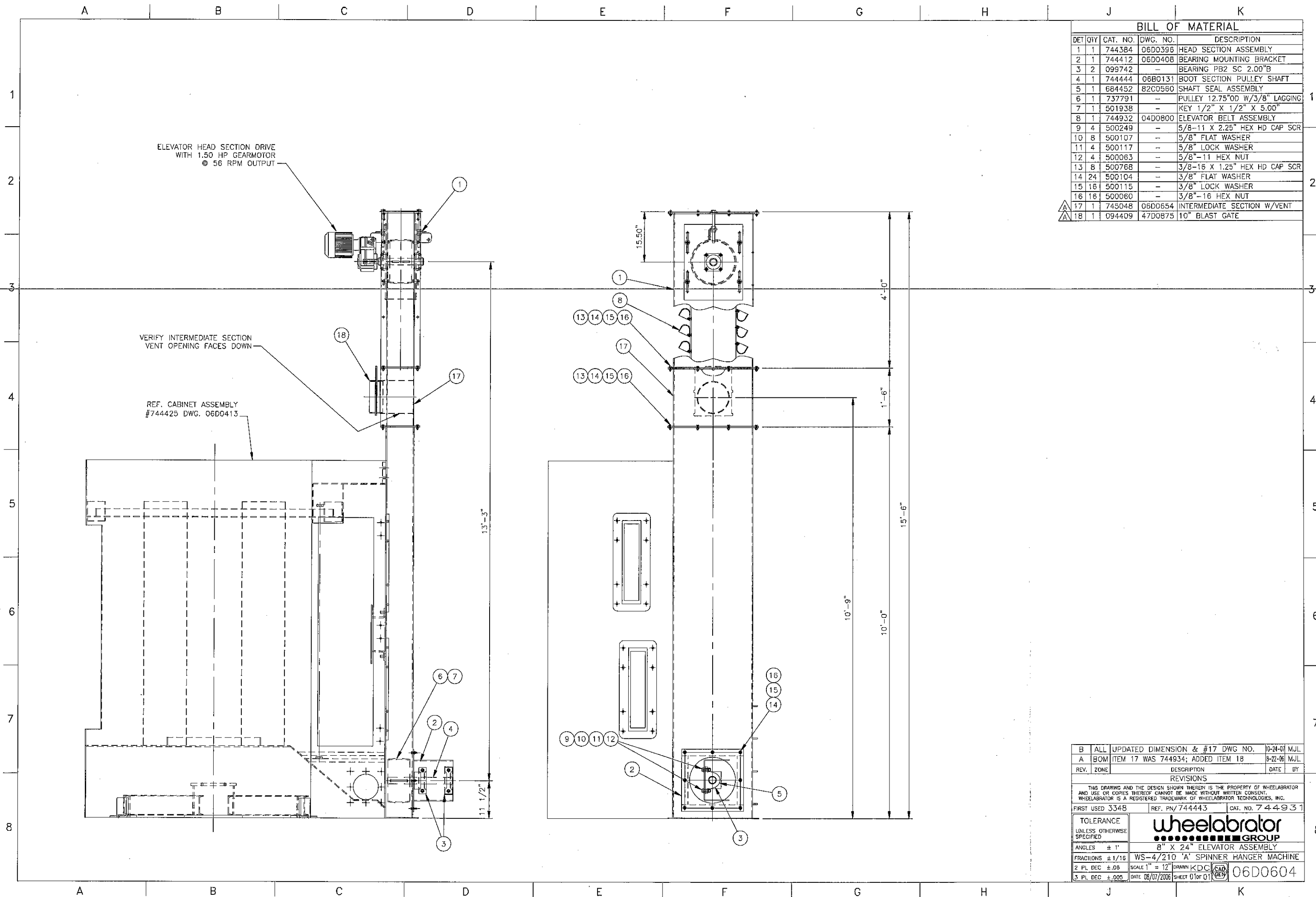
A	CHART BELT & ASSEMBLY ADDED	2-14-08	TPR
REV.	ZONE	DESCRIPTION	DATE BY
REVISIONS			
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FIRST USED ELEVATOR	REF. PN/94D1110	CAT. NO. SEE CHART	
TOLERANCE UNLESS OTHERWISE SPECIFIED	WHEELABRATOR		
ANGLES ± 1°	ELEVATOR BELT ASSY W/OIL WELL SPLICE		
FRACTIONS ± 1/16	8" X 24" STANDARD ELEVATOR		
2 PL. DEC ± .06	SCALE 1/2" = 1"	DRAWN MJL	DATE 08/30/2004
3 PL. DEC ± .005	DATE 08/30/2004	SHEET 01 of 01	04D0800



BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	724445	00D0604	20" CFS SEPARATOR ASSEMBLY
2	1	745015	06D0640	SCREW HOUSING ADAPTER
3	1	745019	06C0218	REDUCER MOUNTING PLATE
4	1	744935	06C0210	SCREW CONVEYOR TROUGH
5	1	724501	00D0629	ROTARY SCREEN ASSEMBLY
6	1	209227	99C0974	CONV/SCREW 6.00 x 18.00 LH.
7	4	489620	89D0152	SPACER/SEAL
8	2	489218	89D0152	SEAL/FELT
9	2	489219	89D0152	RETAINER/SEAL
10	2	098276		BEARING 1.50 BORE
11	1	675959		GEARMOTOR .75 HP 40RPM
12	1	744970	06B0176	SHAFT/SCREW CONVEYOR
13	1	260884	68C1353	ADAPTER/TRASH TUBE
14	1	C240712		6" ID PVC SUCTION HOSE X 150.00
15	1	C240709		3" ID PVC SUCTION HOSE X 108.00
16	1	C201388		6" POWERLOCK HOSE CLAMP
17	1	173987	57B1942	DRIBBLE VALVE ASSEMBLY
18	2	075389	92D0424	COVER PLATE/ASY HOLE 8.5
19	12	500153		3/8-16 x 1.00 FLAT HEAD SCR
20	44	500778		3/8-16 x 1.50 HEXCAP SCR
21	56	500104		3/8 FLAT WASHER
22	32	500115		3/8 LOCK WASHER
23	32	500060		3/8-16 HEX NUT
24	8	198457	60A0597	1/2-13 HARDENED CAP NUT
25	4	503931		1/2-13 THREADED STUD x 4.50
26	1	500229		1/2-13 x 3.50 HEXCAP SCREW
27	2	500106		1/2 FLAT WASHER
28	9	500116		1/2 LOCK WASHER
29	9	500062		1/2-13 HEX NUT
30	1	500071		1/2-13 HEX JAM NUT
31	8	500072		5/8-11 HEX JAM NUT
32	1	724672	00D0680	UPPER RECLAIM SCREEN
33	2	C240706		3" POWERLOCK HOSE CLAMP

REV.	ZONE	DESCRIPTION	DATE	BY
C		BOM UPDATED ITEMS 14-16 TO CURRENT STDS 5/28/11 KRH		
		ITEM 16 WAS QTY 1, ADDED ITEM 33		
		ITEM 25 WAS Y002096 X 4.50		
B		ALL ADDED GEOMETRY FOR BLAST GATES	10-12-01	MJL
A		ALL ADDED ITEM # 32	8-23-06	MJL

REVISIONS			
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FIRST USED	3348	REF. PN/724469	CAT. NO. 744948
TOLERANCE UNLESS OTHERWISE SPECIFIED			
ANGLES	± 1'	UPPER SCREW CONVEYOR ASSEMBLY	
FRACTIONS	± 1/16	WS-4/210 'A' SPINNER HANGER MACHINE	
2 PL DEC	± .06	SCALE 1/8" = 1"	DRAWN KDC
3 PL DEC	± .005	DATE 08/09/2006	SHEET 01 of 01



ELEVATOR HEAD SECTION DRIVE
WITH 1.50 HP GEARMOTOR
⊙ 56 RPM OUTPUT

VERIFY INTERMEDIATE SECTION
VENT OPENING FACES DOWN

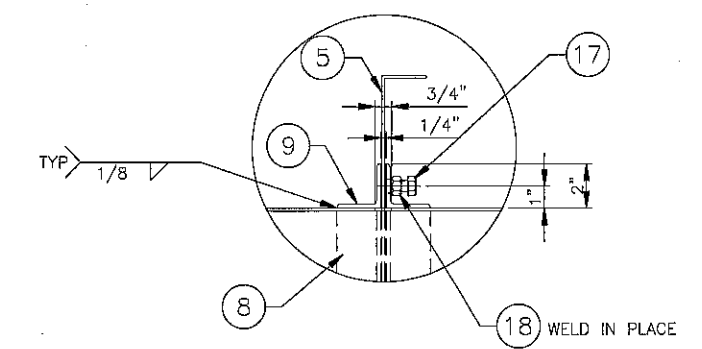
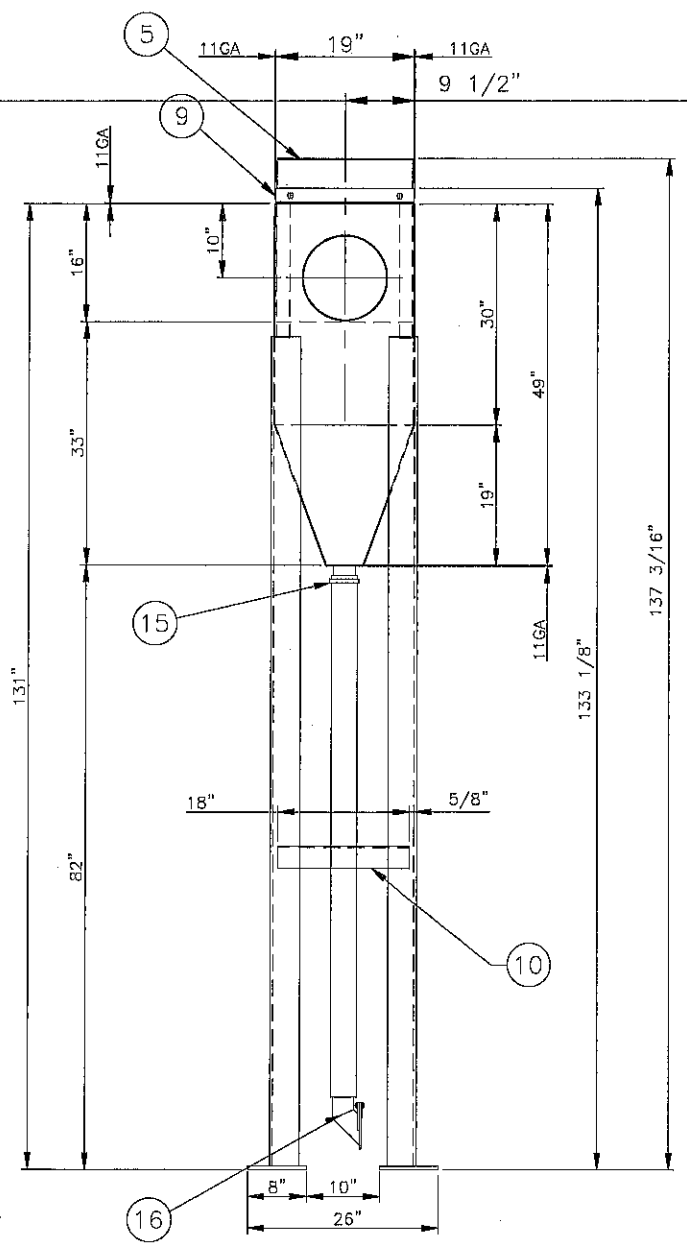
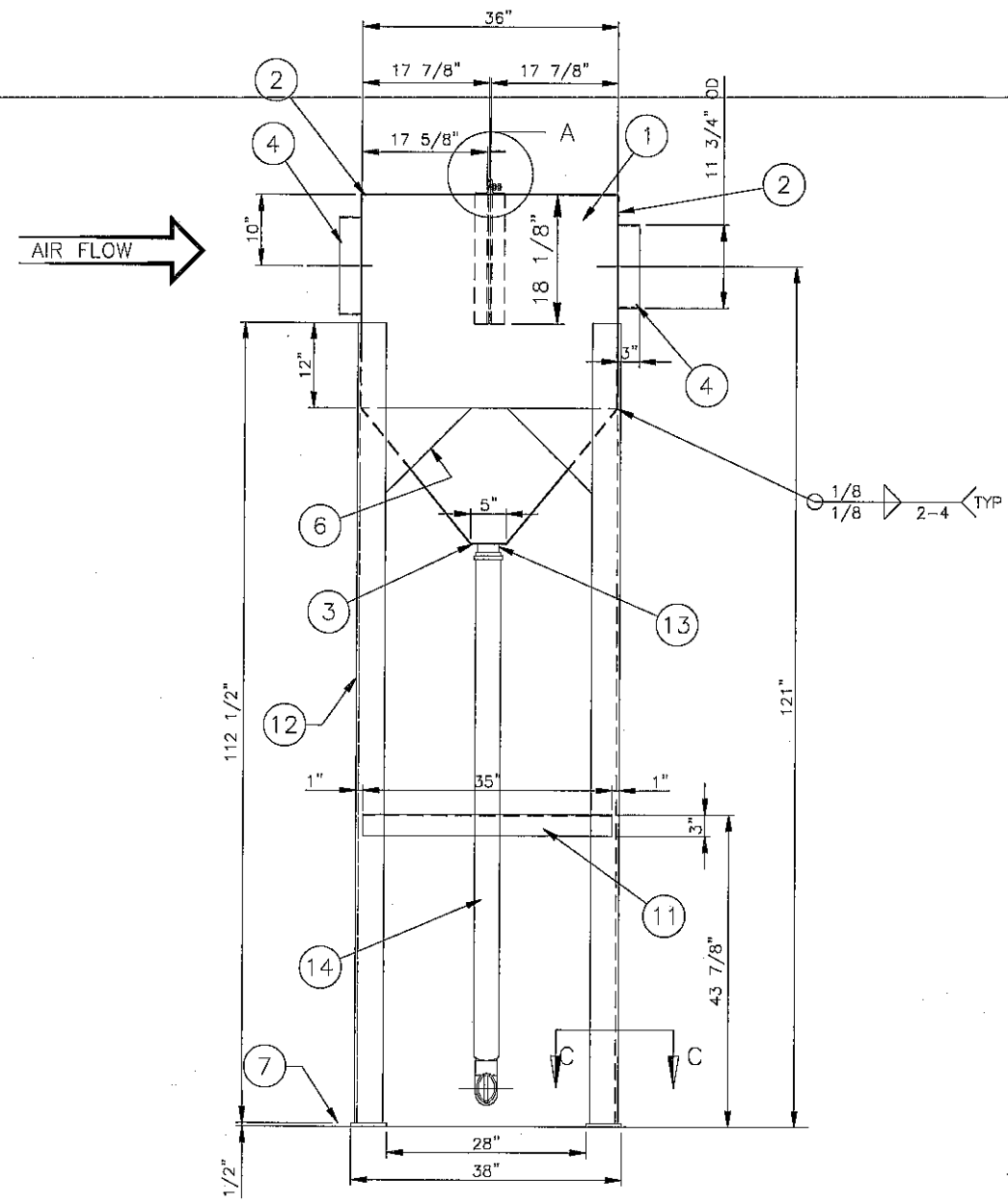
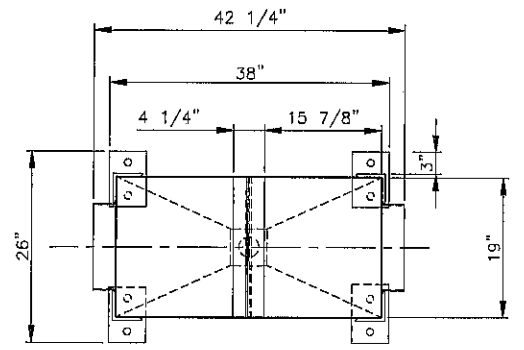
REF. CABINET ASSEMBLY
#744425 DWG. 06D0413

BILL OF MATERIAL

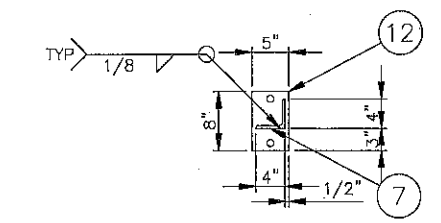
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	744384	06DD396	HEAD SECTION ASSEMBLY
2	1	744412	06DD408	BEARING MOUNTING BRACKET
3	2	099742	-	BEARING PB2 SC 2.00" B
4	1	744444	06B0131	BOOT SECTION PULLEY SHAFT
5	1	684452	82C0560	SHAFT SEAL ASSEMBLY
6	1	737791	-	PULLEY 12.75" OD W/3/8" LAGGING
7	1	501938	-	KEY 1/2" X 1/2" X 5.00"
8	1	744932	04D0800	ELEVATOR BELT ASSEMBLY
9	4	500249	-	5/8-11 X 2.25" HEX HD CAP SCR
10	8	500107	-	5/8" FLAT WASHER
11	4	500117	-	5/8" LOCK WASHER
12	4	500063	-	5/8"-11 HEX NUT
13	8	500768	-	3/8-16 X 1.25" HEX HD CAP SCR
14	24	500104	-	3/8" FLAT WASHER
15	16	500115	-	3/8" LOCK WASHER
16	16	500060	-	3/8"-16 HEX NUT
17	1	745048	06D0654	INTERMEDIATE SECTION W/VENT
18	1	094409	47D0875	10" BLAST GATE

B	ALL UPDATED DIMENSION & #17 DWG NO.	10-24-07	MJL	
A	BOM ITEM 17 WAS 744934; ADDED ITEM 18	8-22-06	MJL	
REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
THIS DRAWING AND THE DESIGN SHOWN THEREIN IS THE PROPERTY OF WHEELABRATOR AND USE OR COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT. WHEELABRATOR IS A REGISTERED TRADEMARK OF WHEELABRATOR TECHNOLOGIES, INC.				
FIRST USED	3348	REF. PN/744443	CAT. NO. 7444931	
TOLERANCE UNLESS OTHERWISE SPECIFIED	wheelabrator GROUP			
ANGLES	8" X 24" ELEVATOR ASSEMBLY			
FRACTIONS	WS-4/210 'A' SPINNER HANGER MACHINE			
2 PL DEC ±.08	SCALE 1" = 12"	DRAWN KDC	CAD	06D0604
3 PL DEC ±.005	DATE 08/07/2006	SHEET 01 OF 01	VER	

ITEM	QTY	PART NO	DWG NO	DESCRIPTION	WT
1	2	Y001910	A1-108937	11 GA X 36" X 50 1/4" (BEND)	126
2	2	Y001910	A1-108937	11 GA X 19" X 72 1/8" (BEND)	96
3	1	Y001910	A1-108937	11 GA X 5" X 5"	1
4	2	Y001910	-	11 GA X 3" X 36 3/8" (ROLL)	10
5	1	Y000001	A1-108937	PL 3/16" X 18 5/8" X 24"	24
6	4	Y000002	A1-108937	PL 1/4" X 12" X 12"	44
7	4	Y000005	A1-108937	PL 1/2" X 5" X 8"	24
8	4	Y000079	-	< 2" X 2" X 3/16" X 18"	16
9	2	Y000079	A1-108937	< 2" X 2" X 3/16" X 18"	8
10	2	Y000096	-	< 3" X 3" X 1/4" X 14"	12
11	2	Y000096	-	< 3" X 3" X 1/4" X 35"	30
12	4	Y000112	-	< 4" X 4" X 3/8" X 112 1/2"	364
13	1	Y000763	-	PIPE 2 1/2" STD X 6"	3
14	1	C56619	-	3" TIGERFLEX HOSE X 10'-0"	-
15	2	C62413	-	3" HOSE CLAMP	-
16	1	C1835	-	3" DRIBBLE VALVE	5
17	2	-	-	1/2" NG X 1" HEX BOLT	-
18	2	-	-	1/2" NG HEX NUT	-



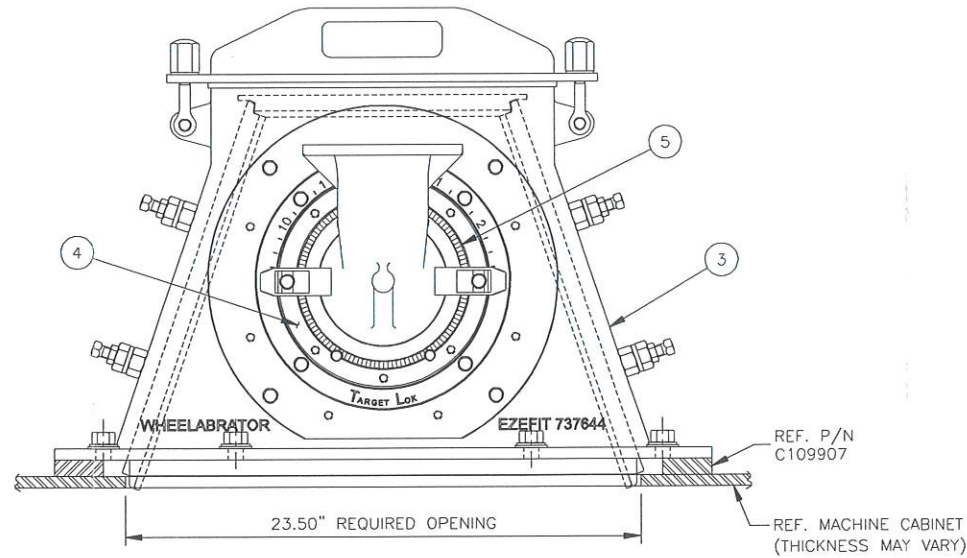
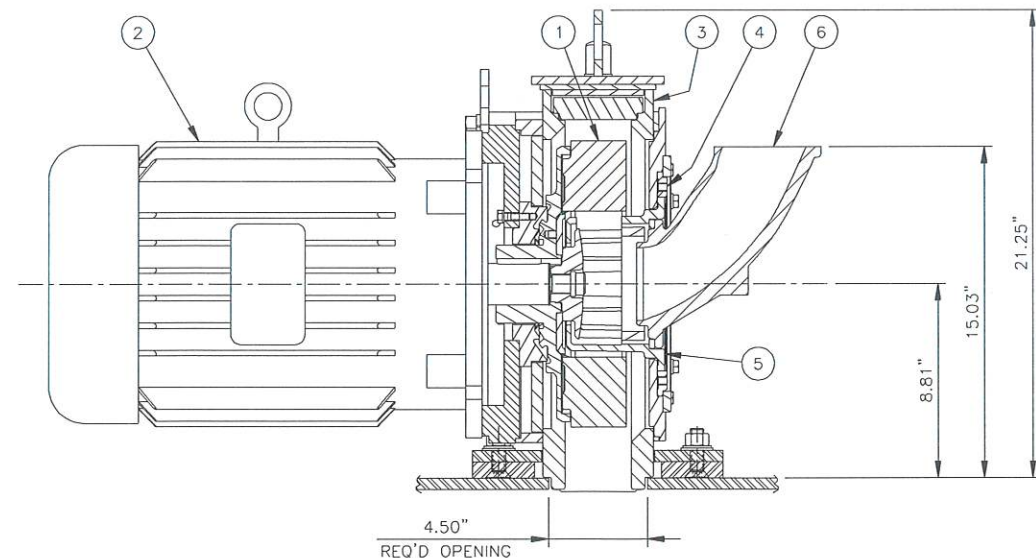
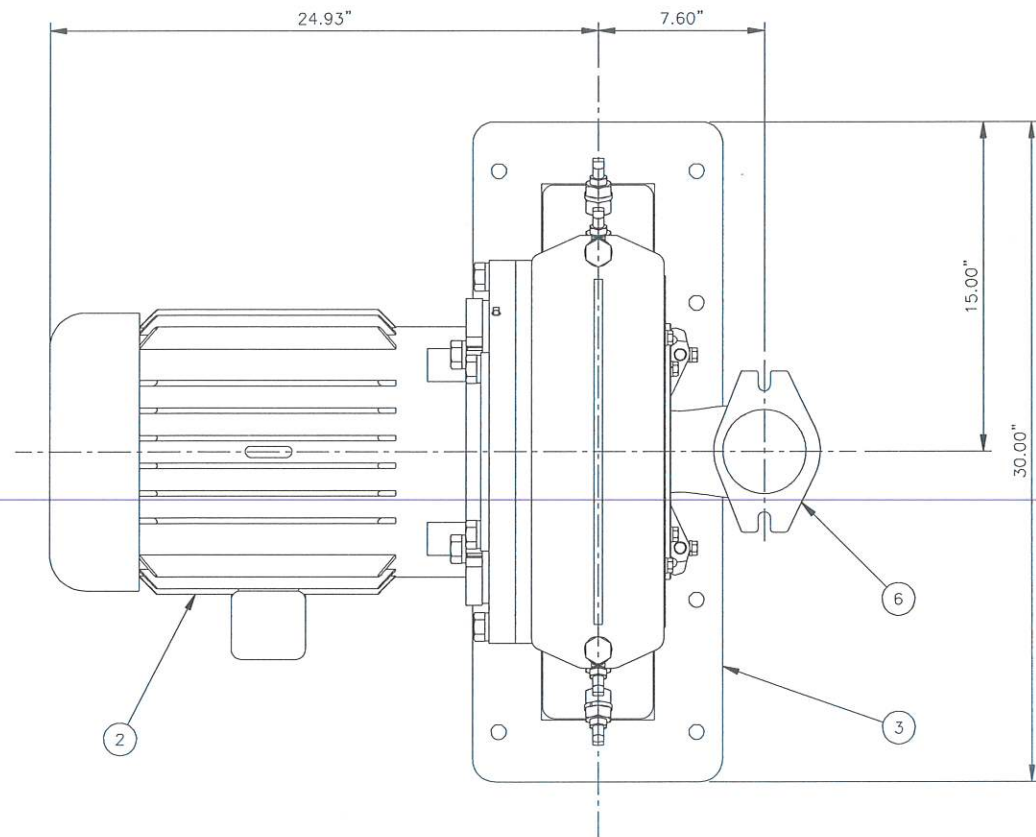
DETAIL A
SCALE : 3" = 1'-0"



SECTION C-C
SCALE : 1" = 1'-0"

SHOP LOCATE
DRIBBLE VALVE
BACK INTO CABINET RECLAIM
WHERE POSSIBLE

UNLESS OTHERWISE SPECIFIED: ANGLES ±1° FRACTIONS ±1/16" 2 PL DEC ±.08 3 PL DEC ±.008		THIS DRAWING AND THE DESIGN SHOWN THEREIN IS THE CONFIDENTIAL PROPERTY OF WHEELABRATOR AND USE OR DISSEMINATION THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT. WHEELABRATOR IS A REGISTERED TRADEMARK OF WHEELABRATOR TECHNOLOGIES, INC.			
ALL WELDS TO BE MADE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY AND AS SHOWN. DO NOT SCALE DRAWING.		REV DATE DESCRIPTION BY		PROJECT 3741 COPY OF A1-102185 PNO C252798 A1-109143	
GROUP 19 WEIGHT 763 SCALE 1"=1'-0"		CREATED BY D NELLIS DATE 13 OCT 2010		SHEET 1 OF 1 SIZE	



WHEEL UNIT SELECTION CHART					
ASSY. CAT. NO.	DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
740740	1-3		SEE	BOM	30' STD WHEEL COMPONENTS
	4				
	5	1	737717	04D0735	CTRL CAGE 30' - TARGET LOCK 25EZ
	6	1	498357	85D0072	FEED SPOUT-LL (STRAIGHT)
	1-3		SEE	BOM	49' STD WHEEL COMPONENTS
	4				
740741	5	1	737718	04D0735	CTRL CAGE 49' - TARGET LOCK 25EZ
	6	1	498357	85D0072	FEED SPOUT-LL (STRAIGHT)
	1-3		SEE	BOM	70' STD WHEEL COMPONENTS
	4				
	5	1	737719	04D0735	CTRL CAGE 70' - TARGET LOCK 25EZ
	6	1	498357	85D0072	FEED SPOUT-LL (STRAIGHT)
740742	1-3		SEE	BOM	100' STD WHEEL COMPONENTS
	4				
	5	1	737720	04D0735	CTRL CAGE 100' - TARGET LOCK 25EZ
	6	1	498357	85D0072	FEED SPOUT-LL (STRAIGHT)
	1-3		SEE	BOM	30' STD WHEEL COMPONENTS
	4				
740743	5	1	737717	04D0735	CTRL CAGE 30' - TARGET LOCK 25EZ
	6	1	471181	79D0632	FEED SPOUT/TARGET LOCK
	1-3		SEE	BOM	49' STD WHEEL COMPONENTS
	4				
	5	1	737718	04D0735	CTRL CAGE 49' - TARGET LOCK 25EZ
	6	1	471181	79D0632	FEED SPOUT/TARGET LOCK
740744	1-3		SEE	BOM	70' STD WHEEL COMPONENTS
	4				
	5	1	737719	04D0735	CTRL CAGE 70' - TARGET LOCK 25EZ
	6	1	471181	79D0632	FEED SPOUT/TARGET LOCK
	1-3		SEE	BOM	100' STD WHEEL COMPONENTS
	4				
740745	5	1	737720	04D0735	CTRL CAGE 100' - TARGET LOCK 25EZ
	6	1	471181	79D0632	FEED SPOUT/TARGET LOCK
	1-3		SEE	BOM	30' STD WHEEL COMPONENTS
	4				
	5	1	737717	04D0735	CTRL CAGE 30' - TARGET LOCK 25EZ
	6	1	471181	79D0632	FEED SPOUT/TARGET LOCK
740746	1-3		SEE	BOM	70' STD WHEEL COMPONENTS
	4				
	5	1	737719	04D0735	CTRL CAGE 70' - TARGET LOCK 25EZ
	6	1	471181	79D0632	FEED SPOUT/TARGET LOCK
	1-3		SEE	BOM	100' STD WHEEL COMPONENTS
	4				
740747	5	1	737720	04D0735	CTRL CAGE 100' - TARGET LOCK 25EZ
	6	1	471181	79D0632	FEED SPOUT/TARGET LOCK

NOTE: USE 25EZ WHEEL PULLER (04D0934) P/N 737782 TO REMOVE BARE WHEEL ASSEMBLY FROM MOTOR SHAFT

BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	740259	05D0212	25EZ130 12-BLADE INTERNALS
2	1	737578	04D0686	15 HP 3600 RPM BALDOR MOTOR
3	1	740357	05D0123	HOUSING ASSY/25EZ130-140

RECOMMENDED SPARE PARTS				
QTY	CAT. NO.	DWG. NO.	DESCRIPTION	
1	738874	04D0964	25EZ WHEEL ASSY/12 BLADE 10-30 HP	
1	731156	02B0220	CENTERING PLATE	
3	737661	04D0745	IMPELLER/12 BL/25EZ	
1	SEE	CHART	FEED SPOUT - LL	
2	737646	04D0695	END LINER / 25EZ 130-140	
1	737645	04D0696	TOP LINER / 25EZ 130-140	
8	C106779	A2-17056	25EZ130 12 PIECE BLADE SET	
2	737703		CLAMP/STEEL FEED SPOUT	
3	SEE	CHART	CONTROL CAGE - XR	
1	682988	91B0247	IMPELLER CAP SCREW 3/4"-10 X 2.44"	
1	683487	-	WASHER/HI-COLLAR 13/16"	
1	736807	04B0187	UHMW FEED SPOUT SEAL	

WHEELABRATOR WHEEL TUNE-UP KITS 25EZ130 (12) BLADE															
B/M 739518 30' WHEEL TUNE-UP KIT CONSISTING OF THE FOLLOWING:				B/M 739519 49' WHEEL TUNE-UP KIT CONSISTING OF THE FOLLOWING:				B/M 739520 70' WHEEL TUNE-UP KIT CONSISTING OF THE FOLLOWING:				B/M 739521 100' WHEEL TUNE-UP KIT CONSISTING OF THE FOLLOWING:			
QTY	CAT. NO.	DWG. NO.	DESCRIPTION	QTY	CAT. NO.	DWG. NO.	DESCRIPTION	QTY	CAT. NO.	DWG. NO.	DESCRIPTION	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	C106779	A2-17056	25EZ130 12 PIECE BLADE SET	1	C106779	A2-17056	25EZ130 12 PIECE BLADE SET	1	C106779	A2-17056	25EZ130 12 PIECE BLADE SET	1	C106779	A2-17056	25EZ130 12 PIECE BLADE SET
1	737717	04D0735	CTL CAGE 30'-TARG LOCK 25EZ	1	737718	04D0735	CTL CAGE 49'-TARG LOCK 25EZ	1	737719	04D0735	CTL CAGE 70'-TARG LOCK 25EZ	1	737720	04D0735	CTL CAGE 100'-TARG LOCK 25EZ
1	737661	04D0745	IMPELLER/12 BL/25EZ	1	737661	04D0745	IMPELLER/12 BL/25EZ	1	737661	04D0745	IMPELLER/12 BL/25EZ	1	737661	04D0745	IMPELLER/12 BL/25EZ
1	682988	91B0247	IMPELLER CAP SCREW 3/4"-10 X 2.44"	1	682988	91B0247	IMPELLER CAP SCREW 3/4"-10 X 2.44"	1	682988	91B0247	IMPELLER CAP SCREW 3/4"-10 X 2.44"	1	682988	91B0247	IMPELLER CAP SCREW 3/4"-10 X 2.44"
1	683487	-	WASHER/HI-COLLAR 13/16"	1	683487	-	WASHER/HI-COLLAR 13/16"	1	683487	-	WASHER/HI-COLLAR 13/16"	1	683487	-	WASHER/HI-COLLAR 13/16"
1	736807		UHMW FEED SPOUT SEAL	1	736807		UHMW FEED SPOUT SEAL	1	736807		UHMW FEED SPOUT SEAL	1	736807		UHMW FEED SPOUT SEAL

B	BILL	REMOVED	ITEM 4	10/14/05	PDH
A	BILL	ITEM 2	WAS 738005	08/24/05	PDH
REV.	ZONE	DESCRIPTION	DATE	BY	
REVISIONS					
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FIRST USED	PD0107	REF. PN/	738110	CAT. NO.	LISTED
TOLERANCE UNLESS OTHERWISE SPECIFIED	WHEELABRATOR				
ANGLES ± 1'	25EZ130 12 BLADE SELECTION CHART				
FRACTIONS ± 1/16	15 HP 3600 RPM F1 BALDOR W/CAST HSG				
2 PL DEC ±.06	SCALE 1/4" = 1"	DRAWN	PDH	CAD	05D0282
3 PL DEC ±.005	DATE 03/30/2005	SHEET	01	OF	01

25EZ 7.5HP-30HP 12-BLADE						
WHEEL ASSY.	B.O.M	1	1	SEE	BELOW	BLADE SET
		2	-	-	-	-
		3	1	738874	04D0964	WHEEL/25EZ 12-BLADE 7.5-30HP
		4	1	734311	03B0459	KEY 1/2" X 1/2" X 2.00"
		5-10	1	SEE	MAIN	BILL
ASSY. CAT. NO.	DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION	
25EZ130	740259	1	1	C106779	A2-17056	BLADE SET 12.50"
25EZ140	740260	1	1	C89590	A2-11905	BLADE SET 13.50"
25EZ155	740261	1	1	C104897	A2-16498	BLADE SET 15.00"
25EZ175	740262	1	1	C173702	A2-37248	BLADE SET 17.00" \triangle
25EZ200	740263	1	1	C104902	A2-16502	BLADE SET 19.50"
25EZ245	740264	1	1	C104903	A2-16503	BLADE SET 24.00"
25EZ270	740265	1	1	C104905	A2-16504	BLADE SET 26.50"

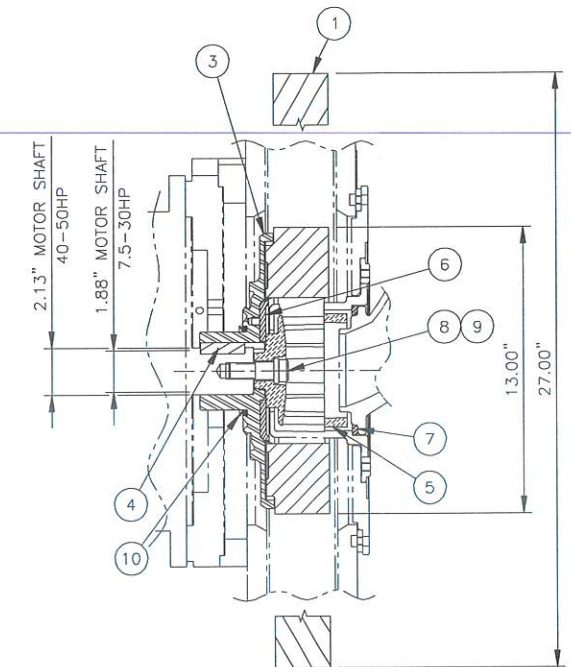
25EZ 40HP-50HP 12-BLADE						
WHEEL ASSY.	B.O.M	1	1	SEE	BELOW	BLADE SET
		2	-	-	-	-
		3	1	738875	04D0965	WHEEL/25EZ 12-BLADE 40-50HP
		4	1	734311	03B0459	KEY 1/2" X 1/2" X 2.00"
		5-10	1	SEE	MAIN	BILL
ASSY. CAT. NO.	DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION	
25EZ130	740519	1	1	C106779	A2-17056	BLADE SET 12.50"
25EZ140	740520	1	1	C89590	A2-11905	BLADE SET 13.50"
25EZ155	740266	1	1	C104897	A2-16498	BLADE SET 15.00"
25EZ175	740267	1	1	C173702	A2-37248	BLADE SET 17.00" \triangle
25EZ200	740268	1	1	C104902	A2-16502	BLADE SET 19.50"
25EZ245	740269	1	1	C104903	A2-16503	BLADE SET 24.00"
25EZ270	740270	1	1	C104905	A2-16504	BLADE SET 26.50"

SEE NOTE *
SEE NOTE *

BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	SEE	CHART	BLADE SET 12-PIECE
2	-	-	-	
3	1	SEE	CHART	WHEEL/25EZ 12-BLADE
4	1	SEE	CHART	KEY
5	1	737661	04D0745	IMPELLER/25EZ 12-BLADE
6	1	731156	02B0220	CENTERING PLATE
7	1	736807	04B0187	SEAL/UHMW FEED SPOUT
8	1	683487	-	WASHER/HI-COLLAR 13/16"
9	1	682988	91B0247	IMPELLER CAP SCREW 3/4-10 X 2.25"
10	1	730988	-	V-RING HUB SEAL - RUBBER

* REF ITEM CALLED OUT ON BARE WHEEL ASSY

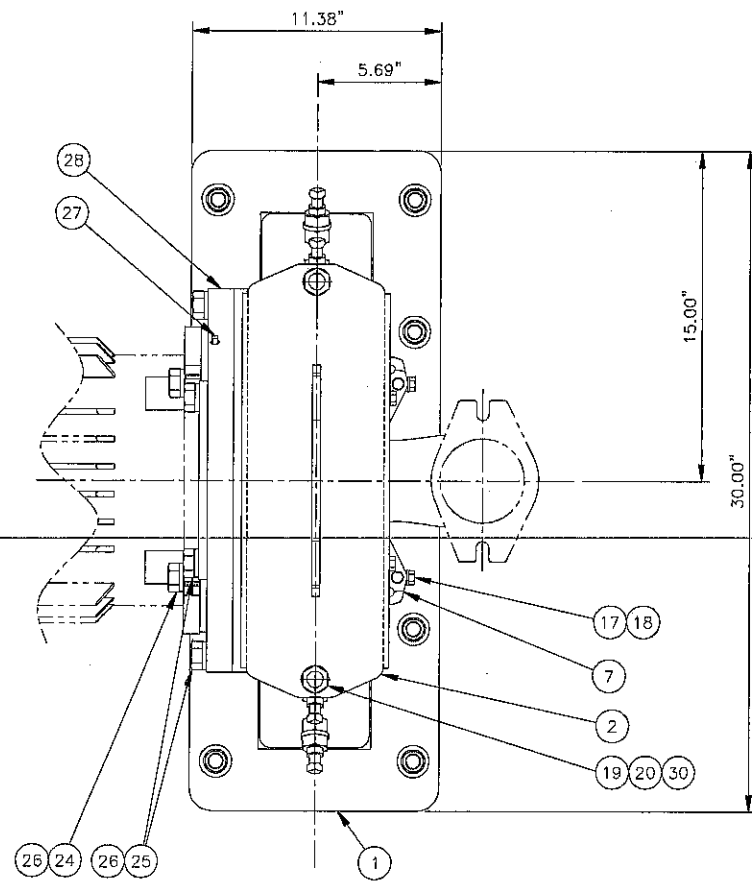
* THESE INTERNALS ARE CONFIGURED TO ALLOW THE USE OF THE 25EZ130-140 BLADES IN THE LARGER 25EZ HOUSINGS ONLY! (25EZ155-175 & 25EZ200-260) THEY CANNOT BE USED IN THE 25EZ130-140 HOUSING.



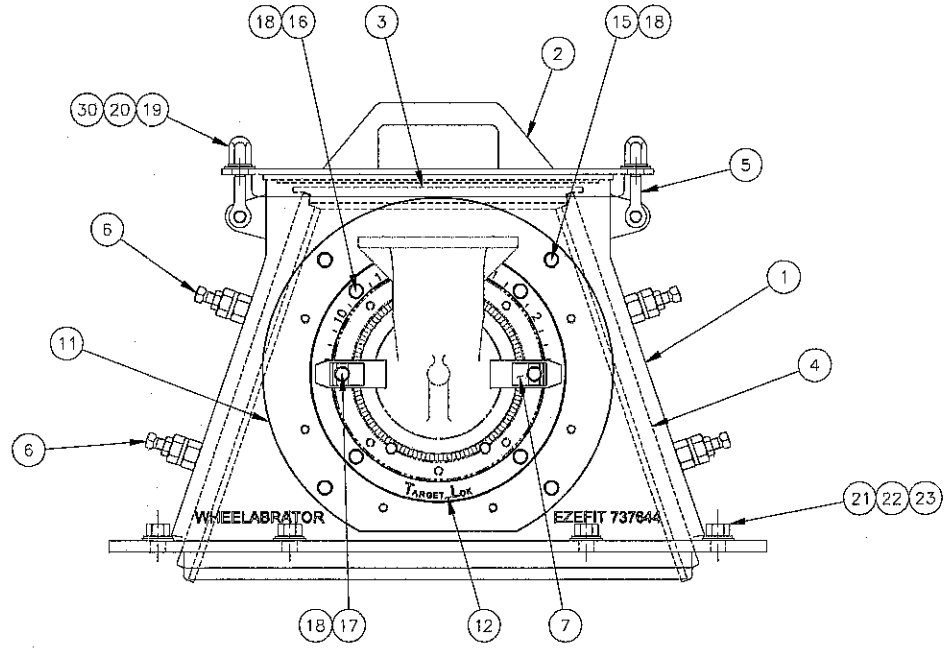
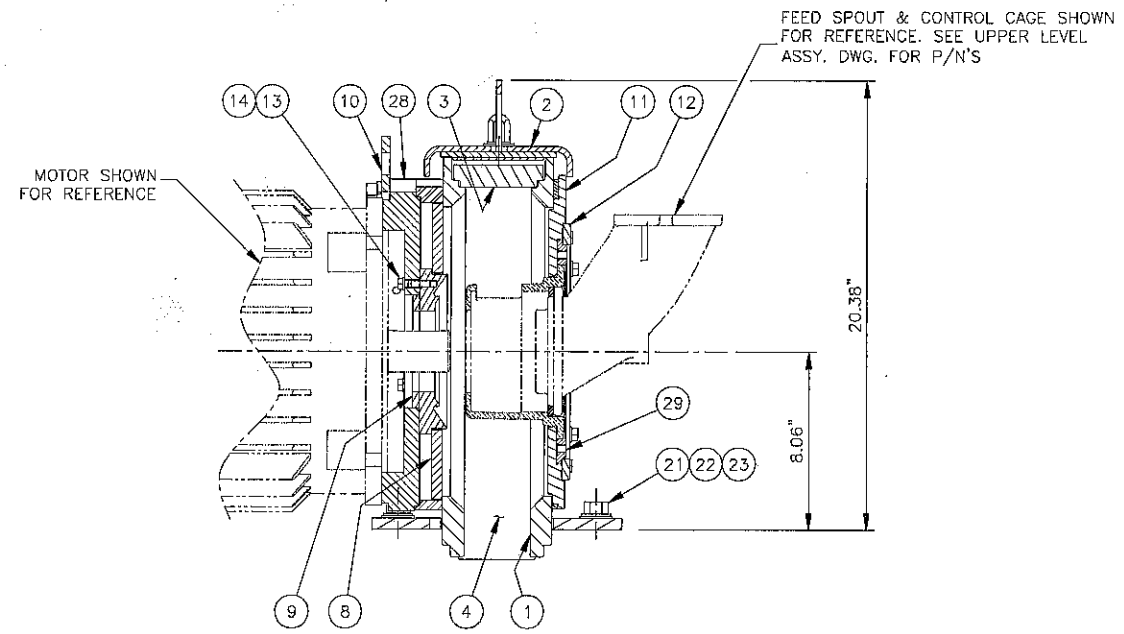
25EZ 60HP 12-BLADE						
WHEEL ASSY.	B.O.M	1	1	SEE	BELOW	BLADE SET
		2	-	-	-	-
		3	1	743718	06D0220	WHEEL/25EZ 12-BLADE 60 HP
		4	1	737701	04B0284	KEY 5/8" X 5/8" X 2.00"
		5-10	1	SEE	MAIN	BILL
ASSY. CAT. NO.	DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION	
25EZ175	743720	1	1	C173702	A2-37248	BLADE SET 17.00" \triangle

\triangle

C	P/N C173702 WAS C104900	04/24/08	GAD	
B	G-7 ADDED P/N 743720 & 25EZ 60 HP 12-BLADE CHART	3/31/06	MPP	
A	BILL REMOVED ITEM 2 (MOTOR MOUNT ADPT.) AND MOVED TO HOUSING ASSEMBLY	08/19/03	PDH	
	REMOVED ASSY P/N'S 740517 & 740518			
REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED	PDD103	REF. P/N/740247	CAT. NO. LISTED	
TOLERANCE UNLESS OTHERWISE SPECIFIED	WHEELABRATOR			
ANGLES \pm 1'	INTERALS/25EZ 12-BLADE			
FRACTIONS \pm 1/16	EZEFIT WHEEL			
2 PL DEC \pm .06	SCALE 1/4" = 1"	DRAWN PDH	CAD	05D0212
3 PL DEC \pm .005	DATE 03/10/2005	SHEET 01 OF 01	QRY	



NOTE: 1. FOR MOTOR SELECTION AND DIMENSIONS SEE DRAWING 04D0686.
 2. TO SELECT BARE WHEEL, BLADES & IMPELLER SEE DRAWING 05D0132.
 3. TUNE-UP KIT SELECTION SEE DRAWING 05D0139.
 4. USE 25EZ WHEEL PULLER P/N 737782 (04D0934) TO REMOVE BARE WHEEL ASSEMBLY FROM MOTOR SHAFT.



BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	737659	04D0817	HOUSING WELDMENT 25EZ130-140
2	1	744810	06C0203	LID/25EZ130-140
3	1	737645	04D0696	TOP LINER/25EZ130-140
4	2	737646	04D0695	END LINER/25EZ130-140
5	2	750532	64A0940	JAW BOLT 1/2" NC
6	4	C75312	A4-4012	LINER CLAMP ASSY
7	2	737703	-	CLAMP/STEEL FEED SPOUT
8	1	737656	04C0501	REAR HUB LINER
9	1	730462	02D0209	HUB SEAL - HDN
10	1	737653	04C0433	LIFTING-EYE
11	1	737658	04D0955	CC ADAPTER/TARGET LOK
12	1	736767	04C0238	RETAINING RING/TARGET LOK
13	3	500191	-	SCR/CAPHEX 5/16"-18 X 1.25"
14	3	500114	-	WASHER/LOCK 5/16"
15	4	500199	-	SCR/CAPHEX 3/8"-16 X .75"
16	4	500965	-	SCR/CAPHEX 3/8"-16 X .88"
17	2	500778	-	SCR/CAPHEX 3/8"-16 X 1.50"
18	10	500115	-	WASHER/LOCK 3/8"
19	2	502619	-	NUT/CAP 1/2"-13 MILD STEEL
20	2	500106	-	WASHER/FLAT 1/2"
21	8	500063	-	NUT/HEX 5/8"-11
22	8	500117	-	WASHER/LOCK 5/8"
23	8	500107	-	WASHER/FLAT 5/8"
24	4	500268	-	SCR/CAPHEX 3/4"-10 X 1.75"
25	6	500271	-	SCR/CAPHEX 3/4"-10 X 2.50"
26	10	500118	-	WASHER/LOCK 3/4"
27	1	500491	-	PLUG/PIPE 1/8" NPT
28	1	742145	05D0774	MOTOR MOUNTING ADAPTER
29	1	742244	05C0263	INDEX PLATE/UNIVERSAL TARGET LOK
30	2	500116	-	WASHER/LOCK 1/2"

E	BOM ITEM 5 P/N WAS 236591	4/26/07	MPP
D	BOM ITEM 2 P/N WAS 737647	10/27/06	MPP
	BOM ITEM 19 P/N WAS 198457		
	BOM ITEM 30 ADDED		
C	BILL ADDED ITEM 29	10/14/05	PDH
B	BILL ADDED ITEM 28	08/19/05	PDH
A	BILL WAS A TABULATED DWG. MADE SINGLE P/N	10/28/05	PDH
	AND RESTRICTED BILL		

REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED PD0103		REF. PN/738174	CAT. NO. 740357	
TOLERANCE UNLESS OTHERWISE SPECIFIED		WHEELABRATOR		
ANGLES ± 1°		HOUSING ASSEMBLY		
FRACTIONS ± 1/16		TARGET LOCK 25EZ130-140		
2 PL DEC ± .06		SCALE 1/4" = 1" DRAWN PDH		
3 PL DEC ± .005		DATE 02/17/2005 SHEET 01 of 01		

WHEELABRATOR

HOUSING ASSEMBLY
TARGET LOCK 25EZ130-140

SCALE 1/4" = 1" DRAWN PDH
DATE 02/17/2005 SHEET 01 of 01

05D0123

A B C D E F G H

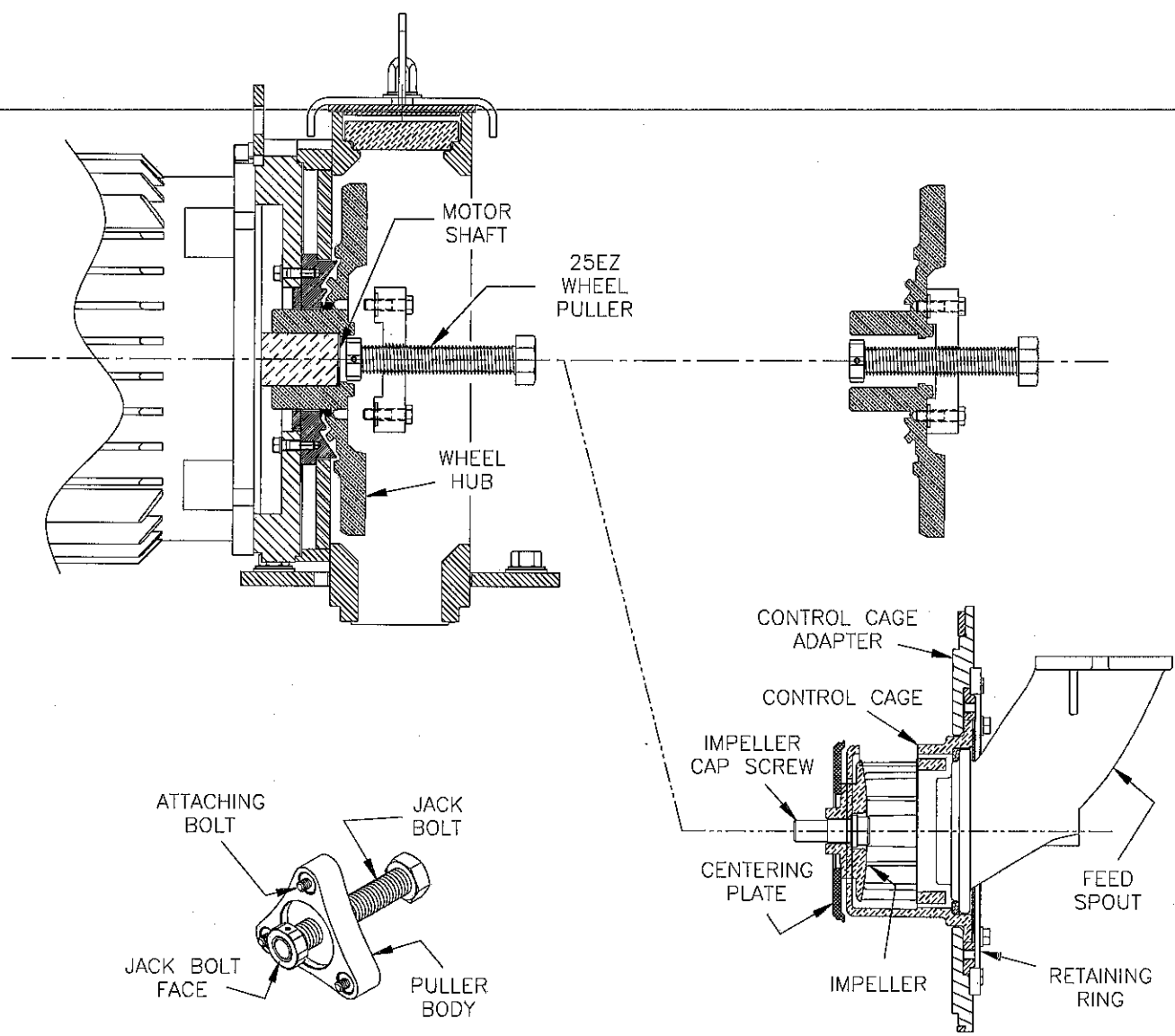
BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION

WHEEL PREPARATION

PRIOR TO USING THE 25EZ WHEEL PULLER, THE WHEEL FRONTAL COMPONENTS * AND WHEEL BLADES WILL NEED TO BE REMOVED. THE WEARING OF PROTECTIVE GLOVES IS RECOMMENDED DURING REMOVAL OF WHEEL PARTS AS THEY MAY BE SHARP AND POSE A PINCHING, ABRASION, AND/OR CUTTING HAZARD FOR THE WORKER.

ATTENTION

THIS PROCEDURE ASSUMES COMPLIANCE WITH FACILITY SAFETY AND OPERATION RULES TO INCLUDE, BUT NOT LIMITED TO, QUALIFIED PERSONEL, LOCK-OUT/TAG OUT, PROPER LIGHTING, SECURE AREA, PROTECTIVE GEAR, AND USE OF PROPER TOOLS.



25EZ WHEEL PULLER
P/N 737782 (04D0934)

* WHEEL FRONTAL COMPONENTS

BARE WHEEL REMOVAL PROCEDURE

1. INSPECT THE 25EZ WHEEL PULLER FOR VISUAL DAMAGE AND CORROSION. BACK OUT (ROTATE CCW) THE CENTER JACK BOLT OF PULLER COMPLETELY INSURING SMOOTH ROTATION.
2. INSURE LEADING FACE OF JACK BOLT (SHAFT CONTACT/LOAD BEARING AREA) IS FREE OF DEBRIS AND SMOOTH (NO MAJOR DISTORTION OR DAMAGE)
3. AFTER COMPLETING WHEEL PREPARATION, INSPECT WHEEL HUB AND MOTOR SHAFT MATING AREA FOR PHYSICAL DAMAGE AND DEBRIS. CLEAR AREA OF OBSTRUCTIONS AND INSURE THE END OF THE MOTOR SHAFT, TAPPED HOLES OF THE HUB, AND PULLER MATING AREAS ARE CLEAN.
4. ALIGN ATTACHING BOLTS TO WHEEL HUB AND START EACH OF THE THREE ATTACHING BOLTS BY HAND.
5. TIGHTEN EACH BOLT IN SEQUENCE TO APPROXIMATELY FIFTEEN (15) FOOT POUNDS TORQUE. ("WRIST" TIGHT WITH ZERO CLEARANCE BETWEEN THE FACE OF THE PULLER BODY AND THE WHEEL HUB)
6. TURN CENTER JACK BOLT CLOCKWISE UNTIL THE WHEEL HUB IS FREE FROM THE MOTOR SHAFT.

CAUTION : MAINTAIN A FIRM GRIP ON THE BARE WHEEL AND PULLER ASSEMBLY DURING HUB SEPARATION FROM SHAFT TO AVOID PERSONAL INJURY AND/OR COMPONENT DAMAGE.

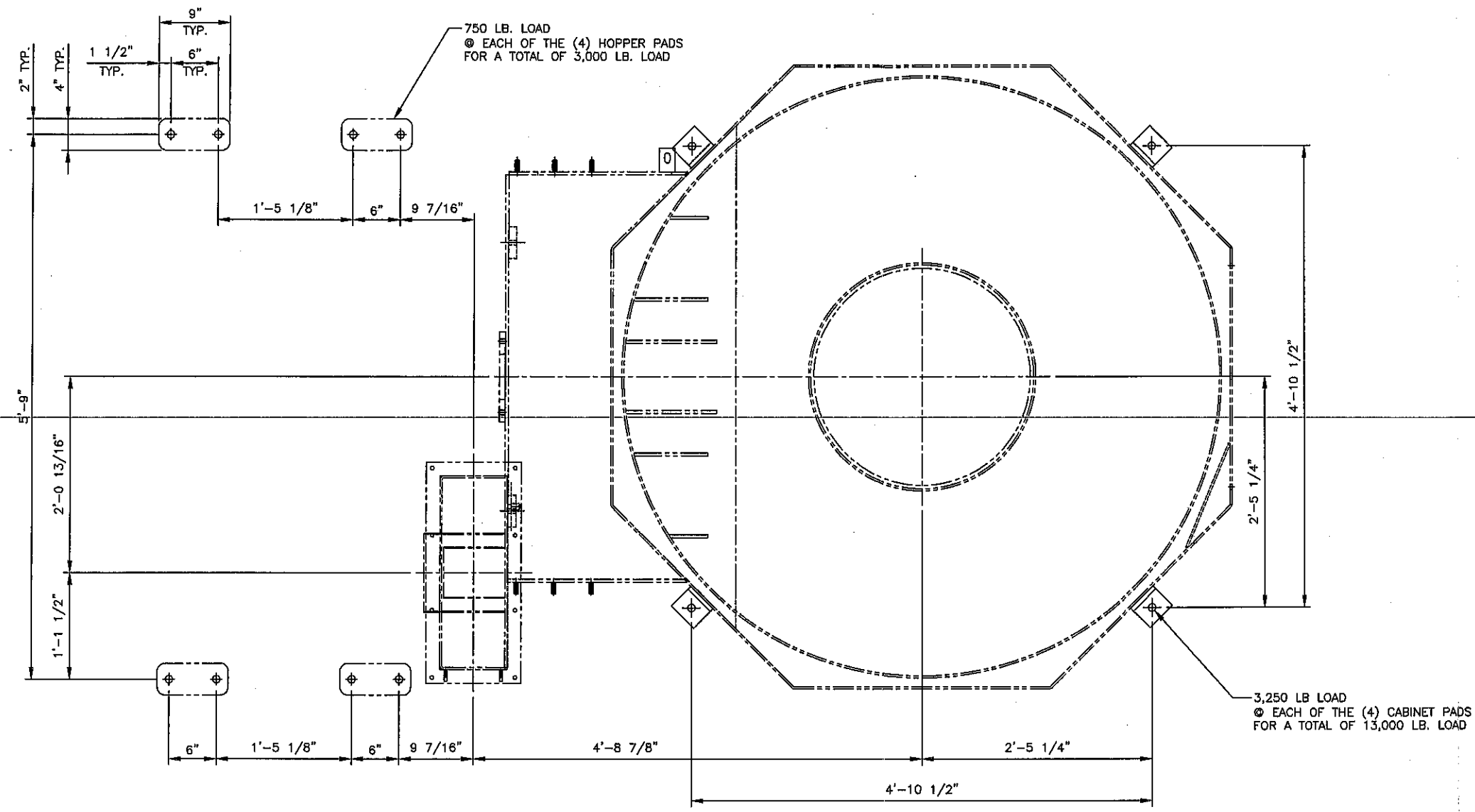
7. SEPARATE PULLER FROM HUB BY REMOVING ATTACHING BOLTS. STORE PULLER IN A CLEAN AND DRY ENVIRONMENT.

REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
THIS DRAWING AND THE DESIGN SHOWN THEREIN IS THE PROPERTY OF WHEELABRATOR AND USE OR COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT. WHEELABRATOR IS A REGISTERED TRADEMARK OF WHEELABRATOR TECHNOLOGIES, INC.				
FIRST USED PD0107		REF. PN/7377820	CAT. NO. C237023	
TOLERANCE UNLESS OTHERWISE SPECIFIED		wheelabrator GROUP		
ANGLES ± 1'		25EZ WHEEL PULLER INSTRUCTIONS		
FRACTIONS ± 1/16		25 EZ WHEELS		
2 PL DEC ±.06		SCALE 1/4" = 1"	DRAWN DWH	A2-53692
3 PL DEC ±.005		DATE 09/08/2008	SHEET 01 of 01	

A B C D E F G H

BILL OF MATERIAL

DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION



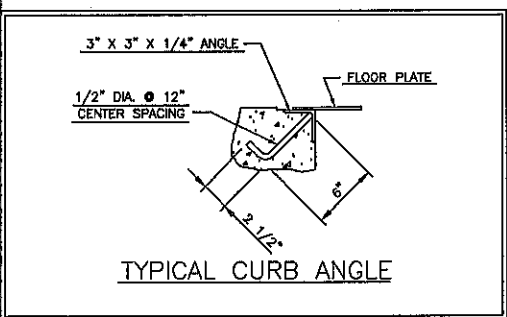
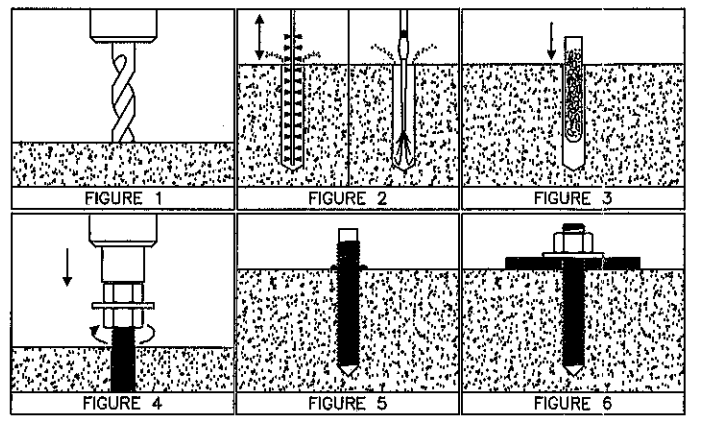
THESE DETAILS ARE NOT INDICATIVE OF CONCRETE THICKNESS. CONSULT LOCAL CONTRACTOR.

ALL FOUNDATIONS, INCLUDING DETAILED DESIGN, ANCHOR BOLTS, ANCHOR PLATES, PIPES, CURB ANGLES, LADDER AND COVER PLATES FOR THE OPEN PORTION OF THE PIT, AS REQUIRED, TO BE FURNISHED BY THE CUSTOMER.

LOADINGS INDICATED BOTH THE WEIGHT OF THE MACHINE AND WORK LOADS.

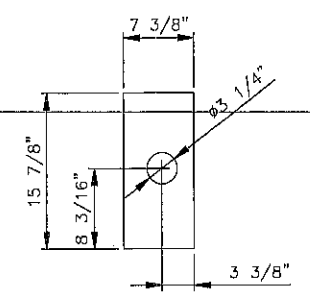
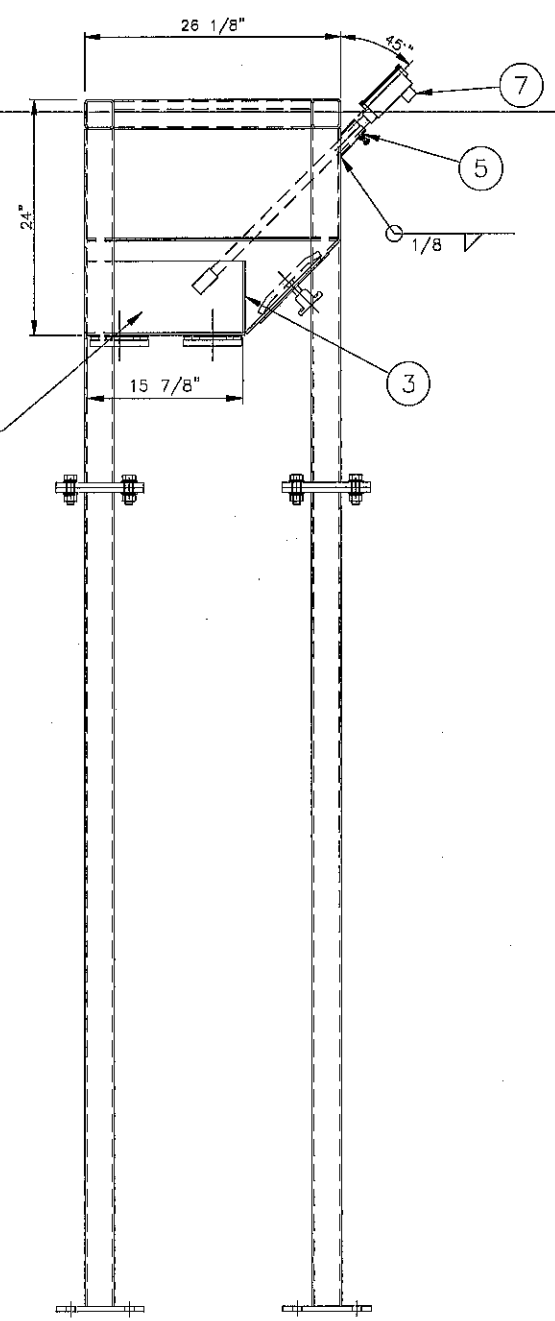
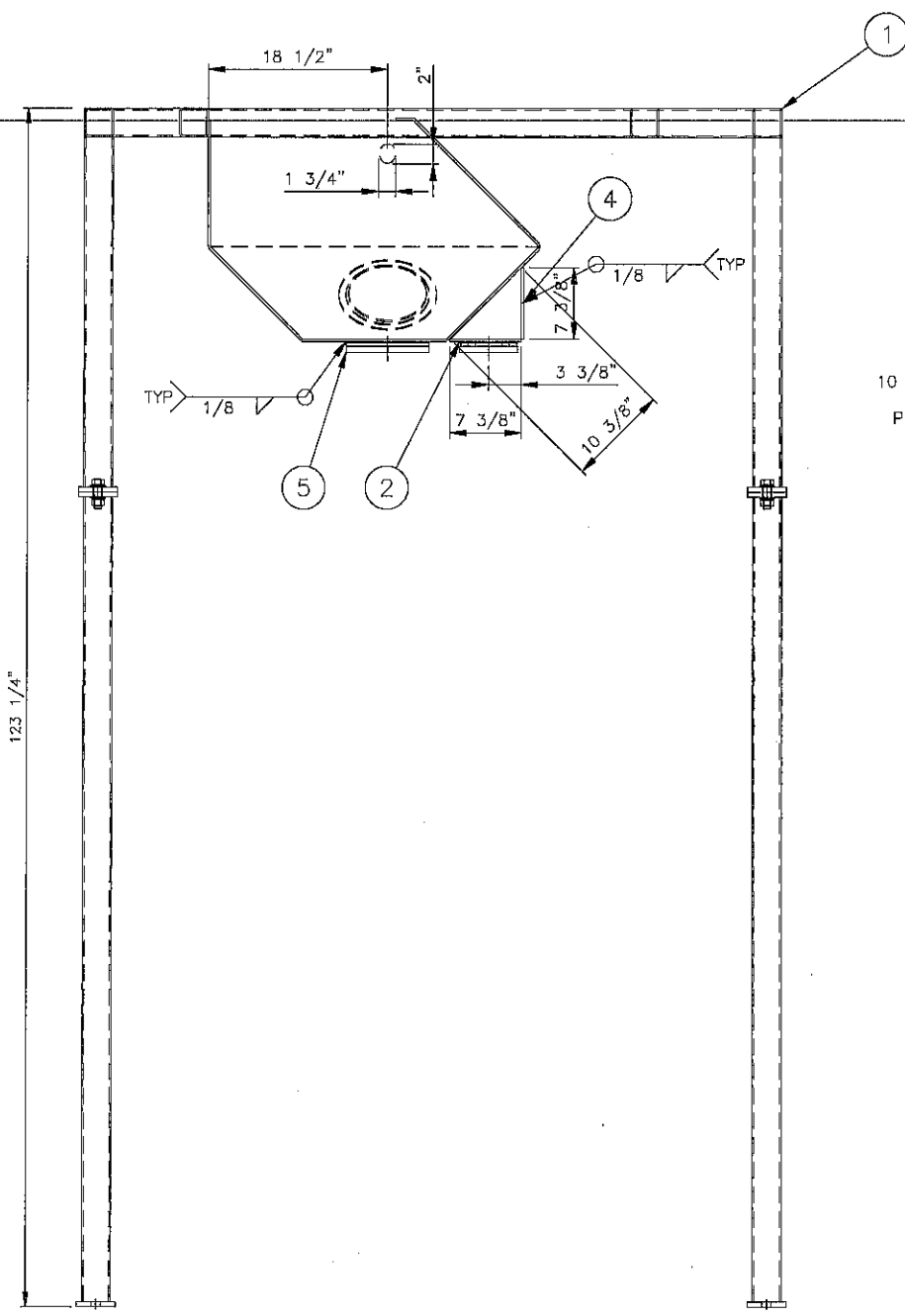
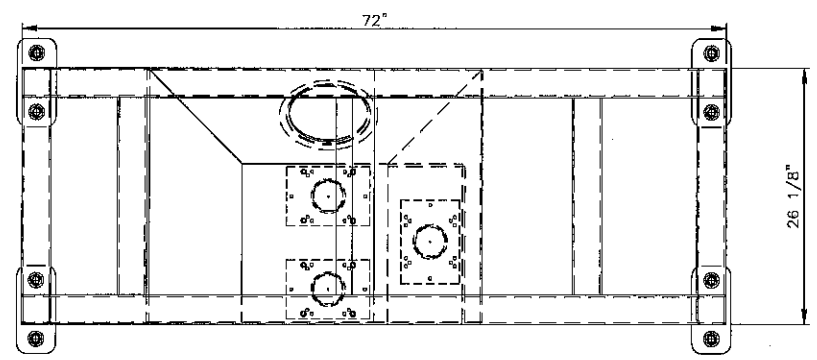
TYPICAL INSTALLATION INSTRUCTIONS

- REFER TO BOX THAT HOLDS CAPSULES. SELECT PROPER CARBIDE TIPPED DRILL BIT SIZE. DRILL HOLE TO RECOMMENDED EMBEDMENT DEPTH.
- CLEAN ALL DUST FROM HOLE.
- INSERT CAPSULE INTO DRILLED HOLE. DO NOT USE CAPSULE IF CRACKED OR DAMAGED.
- ASSEMBLE TWO NUTS, WITH WASHER BETWEEN THEM, ONTO THE ANCHOR ROD AND TIGHTEN TOGETHER. PLACE PREASSEMBLED ANCHOR ROD INTO IMPACT SOCKET AND SOCKET ADAPTER. INSERT ROD INTO DRILLED HOLE BREAKING CAPSULE WITH POINTED END OF ANCHOR ROD. TURN ON DRILL AND DRIVE ANCHOR DOWNWARD UNTIL THE RECOMMENDED EMBEDMENT DEPTH IS ATTAINED.
- REMOVE IMPACT SOCKET AND DRILL FROM ANCHOR ROD. REMOVE EXCESS RESIN FROM AROUND HOLE. AVOID DISTURBING ANCHOR ROD UNTIL ADEQUATE CURE TIME IS REACHED.
- INSTALL MATERIAL TO BE FASTENED AFTER RESIN HAS CURED.

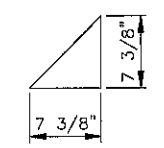


REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED 3348		REF. PN/06D0423	CAT. NO.	
TOLERANCE UNLESS OTHERWISE SPECIFIED		wheelabrator GROUP		
ANGLES ± 1"		FOUNDATION		
FRACTIONS ± 1/16		WS 4/210 'A' SPINNER HANGER MACHINE		
2 PL. DEC ±.06		SCALE 1/8" = 1" DRAWN M.J.L. (S)		
3 PL. DEC ±.005		DATE 08/10/2006 SHEET 01 of 01 (S)		
		06D0597		

ITEM	QTY	PART NO	DWG NO	DESCRIPTION	WT
1	1	744952	0600613	ABRASIVE STORAGE HOPPER	1
2	1	Y000001	-	PL 3/16" X 7 3/8" X 15 7/8" (A36)	7
3	2	Y000001	-	PL 3/16" X 7 3/8" X 7 3/8" (A36)	6
4	1	Y000001	-	PL 3/16" X 7 3/8" X 15 7/8" (A36)	7
5	3	C219609	A2-49162	CONTROL VALVE STOPPER PLATE	30
6	1	C183642	A4-11643	SHOT PROBE MOUNT	1
7	1	CB612	-	SHOT PROBE ASSEMBLY, 24"	2



DETAIL ITEM 2
SCALE:



DETAIL ITEM 3
SCALE:

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±.015
 2 PL DEC ±.08
 3 PL DEC ±.005
 SURFACE FINISH 125 RMS
 WELDING IN ACCORDANCE TO AWS A5.2307
 DO NOT SCALE DRAWING

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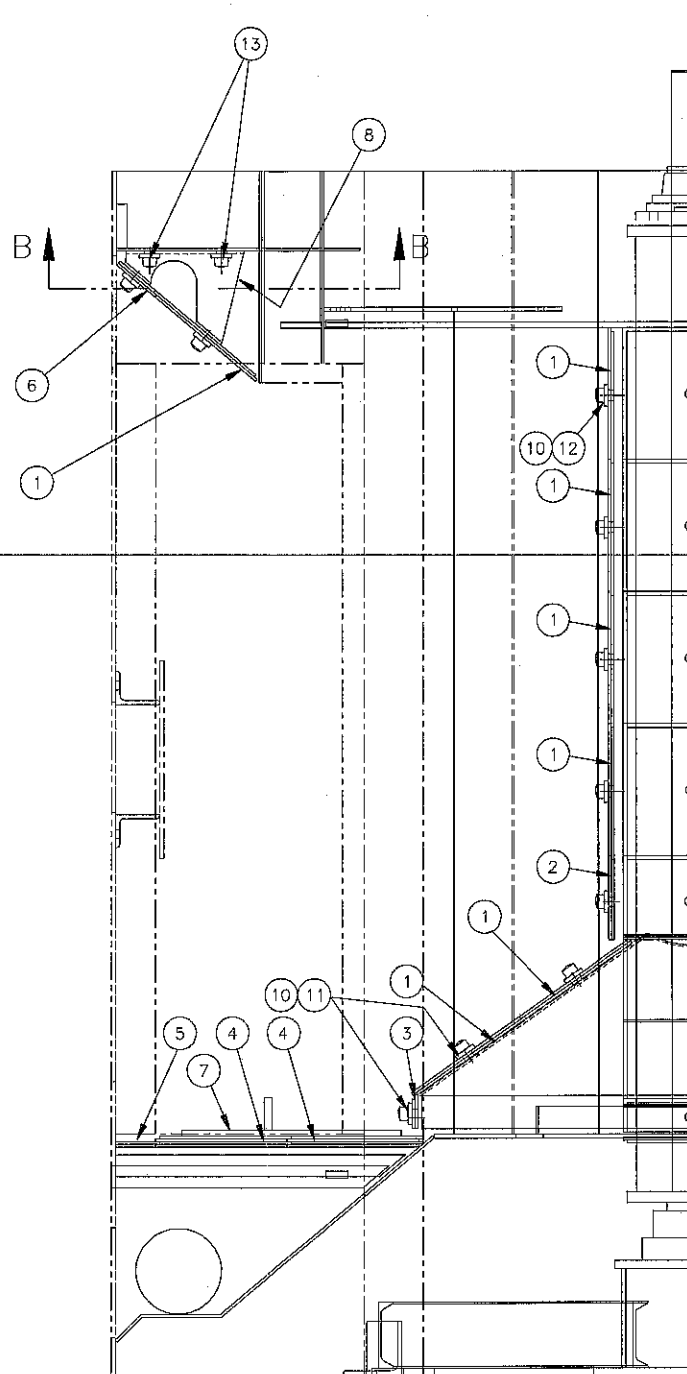
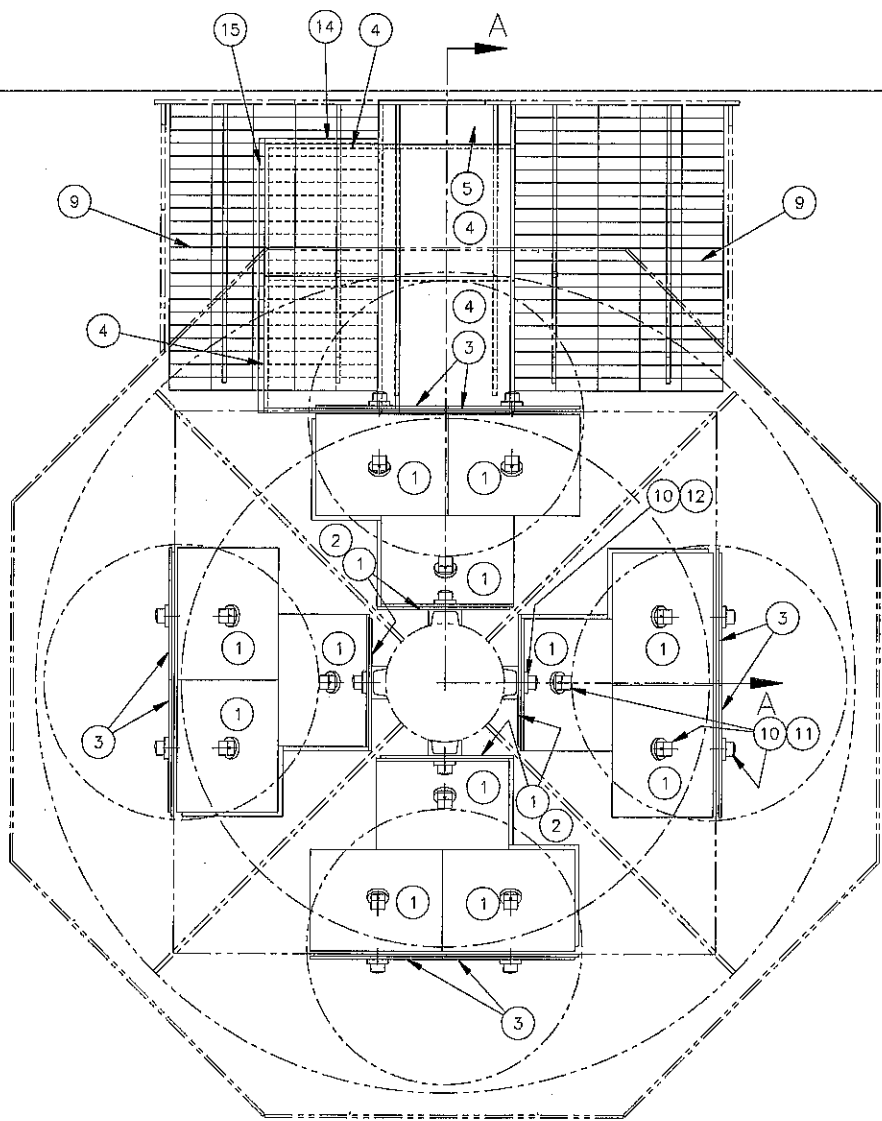
GROUP WEIGHT: 30
25 SCALE: 1/2"=1'

CREATED BY: STORRIEG
DATE: 05 NOV 2010

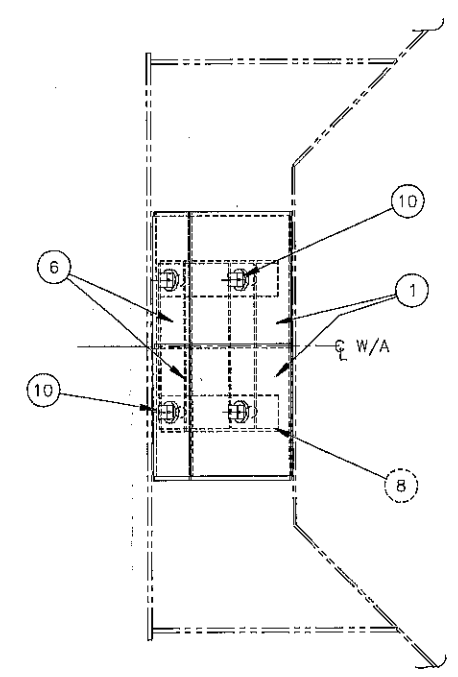
PROJECT: STORAGE HOPPER MODIFICATIONS
 COPY OF: PNC C252815
 DRAWING NO: A1-109151

REV	DATE	DESCRIPTION	BY

BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	30	223306	62B3097	LL LINER
2	4	679076	89B5078	LL LINER
3	8	213888	61A2039	LL LINER
4	4	249715	65B2162	LL LINER
5	1	679071	89B5079	LL LINER
6	2	C197336	A3-44638	CAST LINER 4 1/2" X 12 3/8"
7	1	C190744	A2-41584	MANG LINER 1/2" X 12" X 20"
8	1	C198241	A3-44788	LINER MOUNT
9	2	679082	89B5080	FLOOR GRATING
10	50	220040	62A1260	CAP NUT LL 1/2"-13
11	20	225578		WELD STUD SS 1/2"-13 X 1 1/4"
12	20	149448		WELD STUD 1/2"-13 X 1 1/4"
13	4	268169		WELD STUD 1/2"-13 X 1"
14	2	Y000378		BAR MANG 1/2" X 1/2" X 10.38"
15	1	Y000378		BAR MANG 1/2" X 1/2" X 24.88"



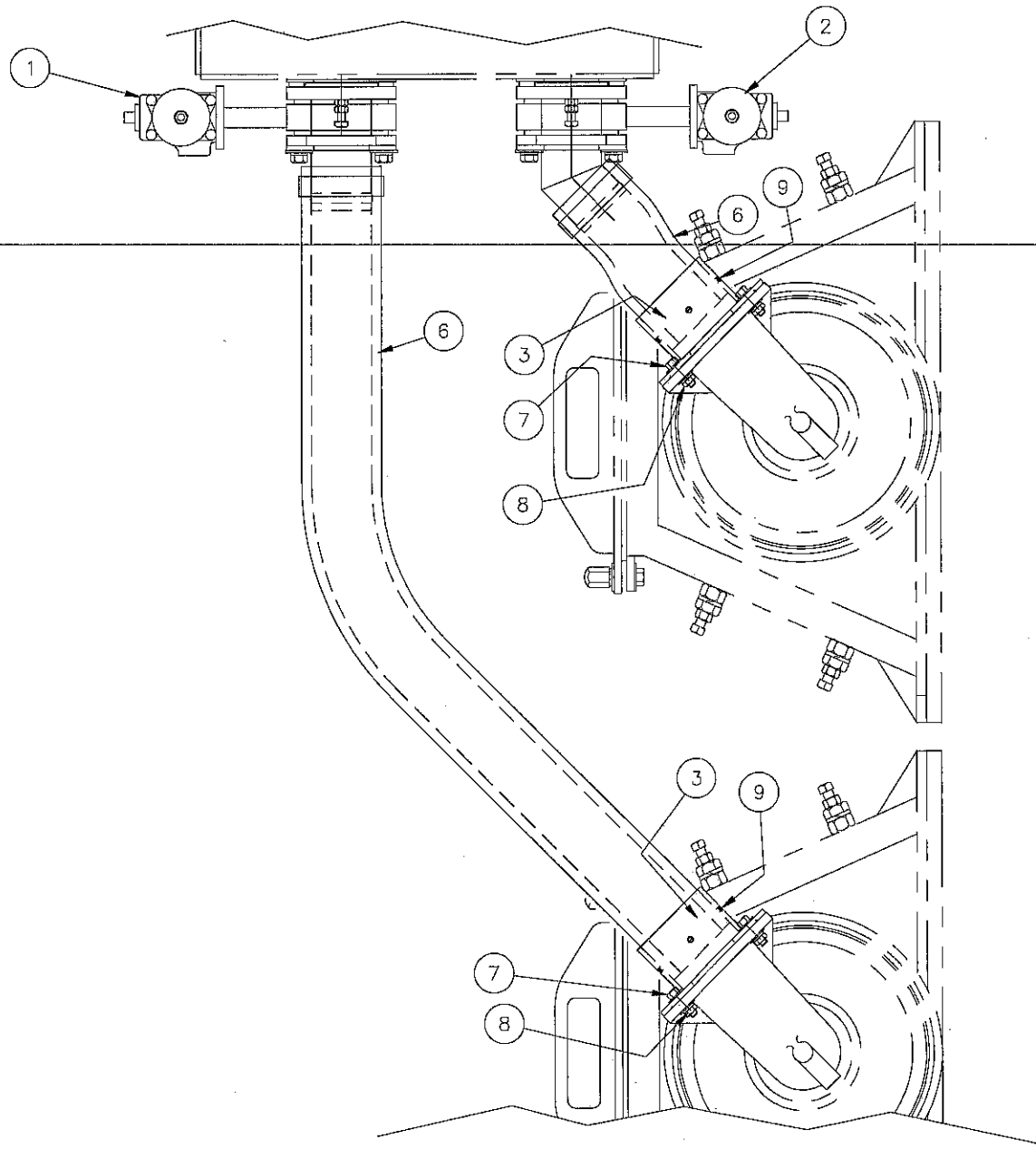
SECTION A-A



SECTION B-B

REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED 3348		REF. PN/716767	CAT. NO. 747415	
TOLERANCE UNLESS OTHERWISE SPECIFIED		wheelabrator GROUP		
ANGLES ± 1'		LINERS-IN-LINE		
FRACTIONS ± 1/16		WS-4/210 'A' SPINNER HANGER MACHINE		
2 PL DEC ±.06		SCALE 1/8" = 1"	DRAWN KDC	CAD 06D0846
3 PL DEC ±.005		DATE 10/20/2006	SHEET 01 of 01	

		DRAWING NO		REV	
		A1-109125		0	
ITEM	QTY	PART NO	DWG NO	DESCRIPTION	WT
1	1	C222484	A2-49994	ABRASIVE CONTROL VALVE ASSEMBLY, 3"	26
2	1	C244415	A2-55114	ABRASIVE CONTROL VALVE ASSEMBLY	--
3	2	C17459	A2-1193	FEED SPOUT ADAPTER	24
4	2	C100234	--	HOSE CLAMP	--
5	1	C1909	--	3" DIA. NAT. GUM RUBBER HOSE X 1'-0"	--
6	1	C88680	--	GUNITE RUBBER HOSE 3" ID X 6'-0"	--
7	16	--	--	1/2" NC HEX BOLT X 2" C/W FW	--
8	16	--	--	1/2" NC HEX NUT C/W FW & LW	--
9	32	--	--	#12 SELF TAPPING SCREWS X 3/4"	--



REV	DATE	DESCRIPTION	BY

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16"
 2 PL DEC ±.08
 3 PL DEC ±.005

WELDING IN ACCORDANCE TO AWS D1.1:2007
 DO NOT SCALE DRAWING

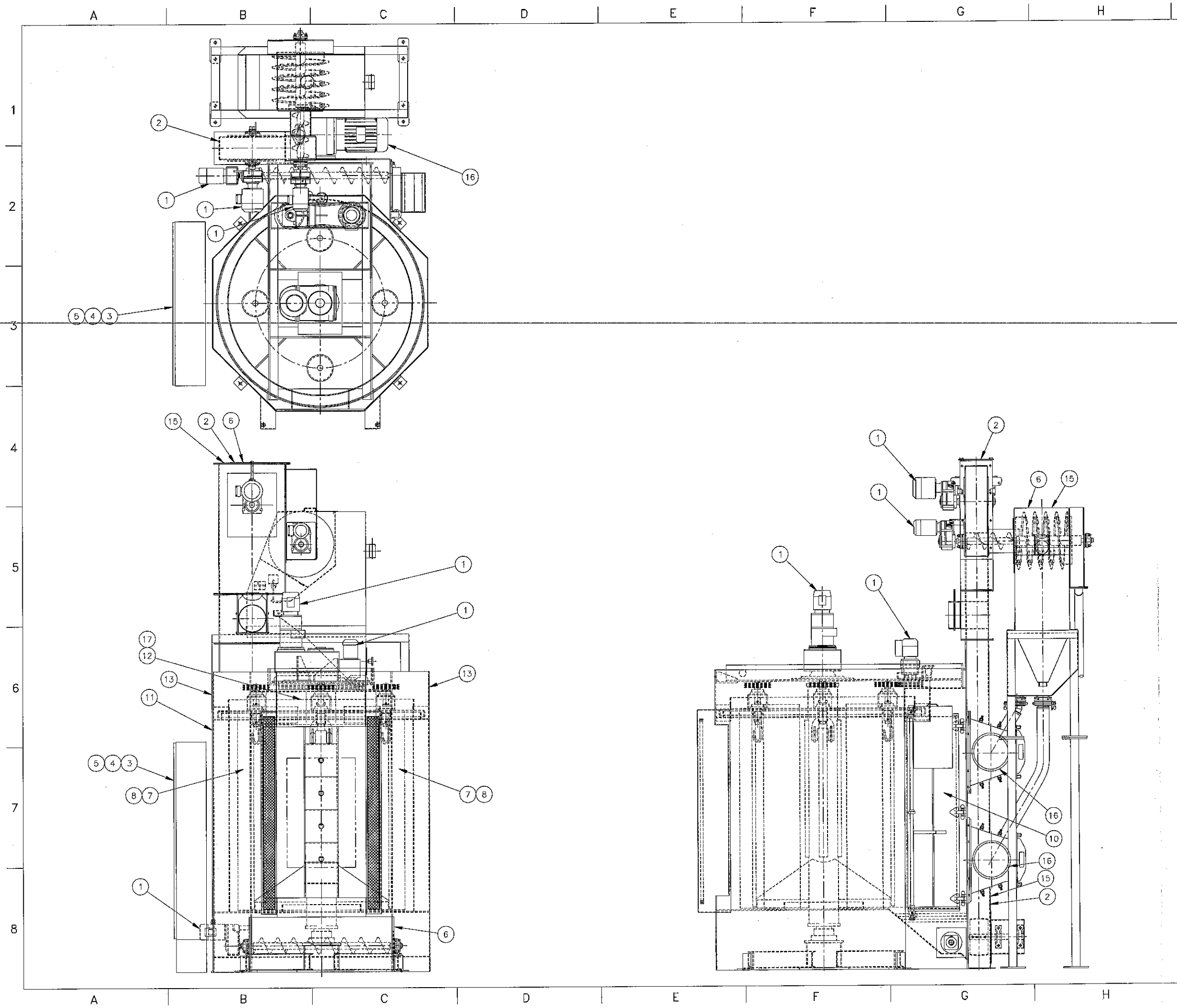
THIS DRAWING AND THE DESIGN SHOWN THEREIN IS THE CONFIDENTIAL PROPERTY OF WHEELABRATOR AND USE OR COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT. WHEELABRATOR IS A REGISTERED TRADEMARK OF WHEELABRATOR TECHNOLOGIES, INC.

wheelabrator
 GROUP

FEED PIPE ARRANGEMENT
CAM 4-2-15 SPINNER HANGER

PROJECT: 0000278
 COPY OF: 0000278
 PNC: C252763

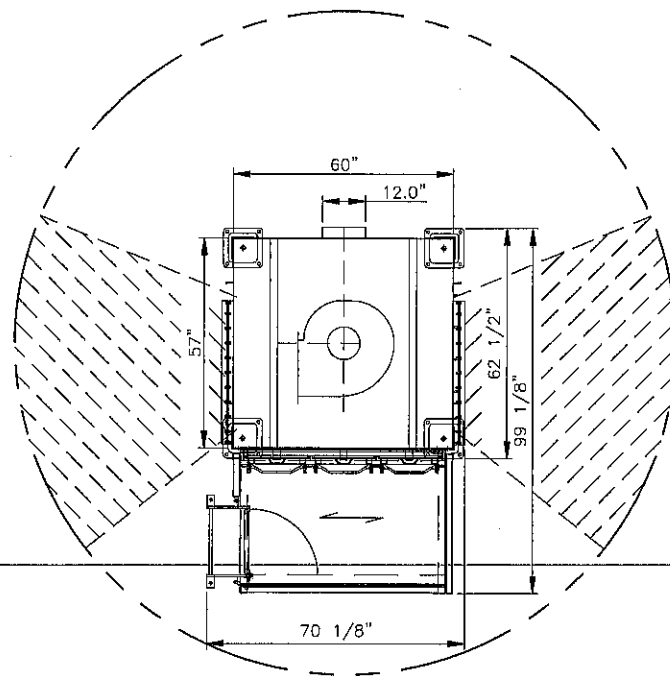
GROUP: 28 WEIGHT: SCALE: 3/4" CREATED BY: G STORRIE SHEET OF: DATE: 01 NOV 2010 SIZE: A1-109125



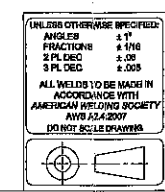
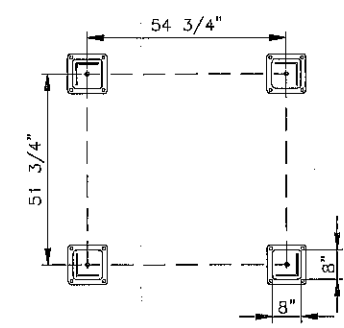
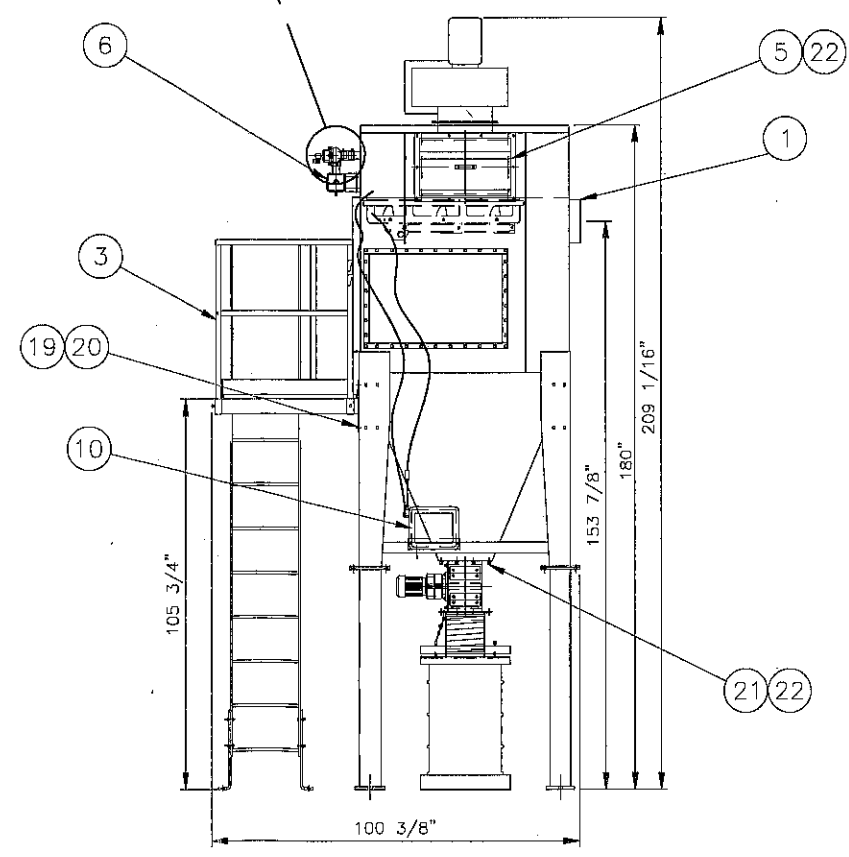
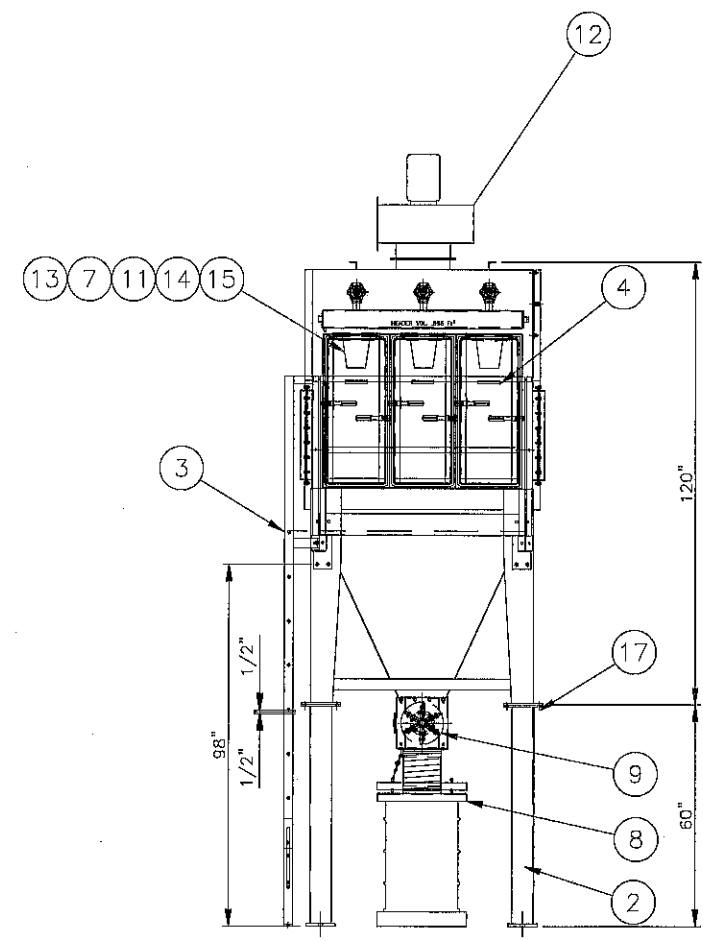
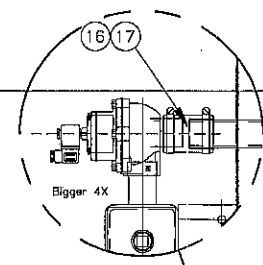
BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	5	472553	79A1015	SAFETY SIGN - VERIFY ROTATION
2	2	495079	84B0036	DANGER SIGN - KEEP OUT OF ELEVATOR CASING
3	1	494751	83B0590	SAFETY SIGN - GROUND FOR OPERATOR SAFETY
4	1	494041	83A0415	DANGER SIGN - HIGH VOLTAGE
5	1	494040	83A0414	DANGER SIGN - LOCK OUT AT CONTROL PANEL
6	4	494042	83A416	DANGER SIGN - LOCK OUT AT CONTROL PANEL
7	2	494043	83AB417	WARNING SIGN - WEAR SAFETY GLASSES
8	3	494045	83A0419	WARNING SIGN - KEEP AREA CLEAR
9	1	495075	84A0031	SAFETY SIGN - KEEP DUST COLLECTOR CLEAN
10	1	495076	84A0032	DANGER SIGN - DO NOT OPEN
11	1	743065	05C0371	ID SIGN - INFORMATIONAL
12	1	496728	84C0361	ID SIGN - WHEELABRATOR
13	4	498276	85A0016	CAUTION SIGN - LIFT HERE
14	1	673723	87B0115	WARNING SIGN - ALUMINUM MEDIA IN DUST COLLECTOR
15	10	674983	88A0050	CAUTION SIGN - DO NOT OPERATE WITH COVER REMOVED
16	1	674982	88A0049	CAUTION SIGN - CHECK MOTOR ROTATION
17	6	680845	-	ROUND HEAD RIVET

REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED 3348		REF. PN/	CAT. NO. 744-953	
TOLERANCE UNLESS OTHERWISE SPECIFIED		wheelabrator GROUP		
ANGLES ± 1°		NAMEPLATE ARRANGEMENT		
FRACTIONS ± 1/16		WS 4/210 'A' SPINNER HANGER MACHINE		
2 PL DEC ±.06		SCALE 3/4" = 12"	DRAWN KDC	06D0614
3 PL DEC ±.005		DATE 08/23/2006	SHEET 01 of 01	

ITEM	QTY	PART NO	DWG NO	DESCRIPTION	WT
1	1	C252585	A1-109026	DUST COLLECTOR HOUSING, JPSM 3D9	1803
2	4	C201414	A3-45486	DUST COLLECTOR LEG 60"	280
3	1	C202926	A1-82781	SERVICE ACCESS / PLATFORM, LADDER	451
4	3	C245989	A2-55372	JPSM DOOR ASSEMBLY	120
5	1	C245451	A3-58220	INSPECTION COVER	19
6	1	C235278	A1-99884	HEADER ASSEMBLY, JPSM (3) VALVE	106
7	4	C251881	A1-108631	CLAMPING CHANNEL	263
8	1	C138573	A3-30177	HOPPER DISCHARGE	39
9	1	C45342	A1-13936	ROTARY AIR LOCK	-
10	1	C246439	A2-55430	PHOTOHELIC GAUGE	5
11	9	C119828	-	CARTRIDGE SUPPORT	81
12	1	C252589	-	HDBIHM-130 FAN, 3300 CFM @ 10" SP, 460V	-
13	1	C251894	A1-108644	CLAMPING CHANNEL HANDLE	7
14	9	C014064	-	VENTURI	-
15	9	C249935	-	36" FIRE RETARDANT, W/30" GROUND WIRE	-
16	6	C12667	-	CLAMP BAND	-
17	3	C36568	-	RUBBER SLEEVE 2" ID X 3 1/2" LG	-
18	24	-	-	3/4" NC X 2 1/2 LG A-325 BOLT ASSEMBLY	-
19	18	-	-	1/2" NC HEX BOLT X 1 1/2" C/W FW	-
20	18	-	-	1/2" NC HEX NUT X 1 1/2" C/W FW & LW	-
21	24	-	-	3/8" NC HEX BOLT X 1 1/4" C/W FW	-
22	24	-	-	3/8" NC CAP NUT X 1 1/2" C/W FW & LW	-



NOTE: CLEARANCE AROUND DEFLAGRATION PANEL(S) MUST BE DEFINED BY CUSTOMER & AHJ



UNLESS OTHERWISE SPECIFIED:
 ANGLES 1:1
 FRACTIONS 1/16
 2 PL DEC 0.06
 3 PL DEC 0.005

ALL WELDS TO BE MADE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY AWS A5.4:2007 DOWNEY SCALE DRAWINGS

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wheelabrator
GROUP

DUST COLLECTOR JPSM 3D9
 GENERAL ARRANGEMENT
 HDBI-130, RUPTURE VENT

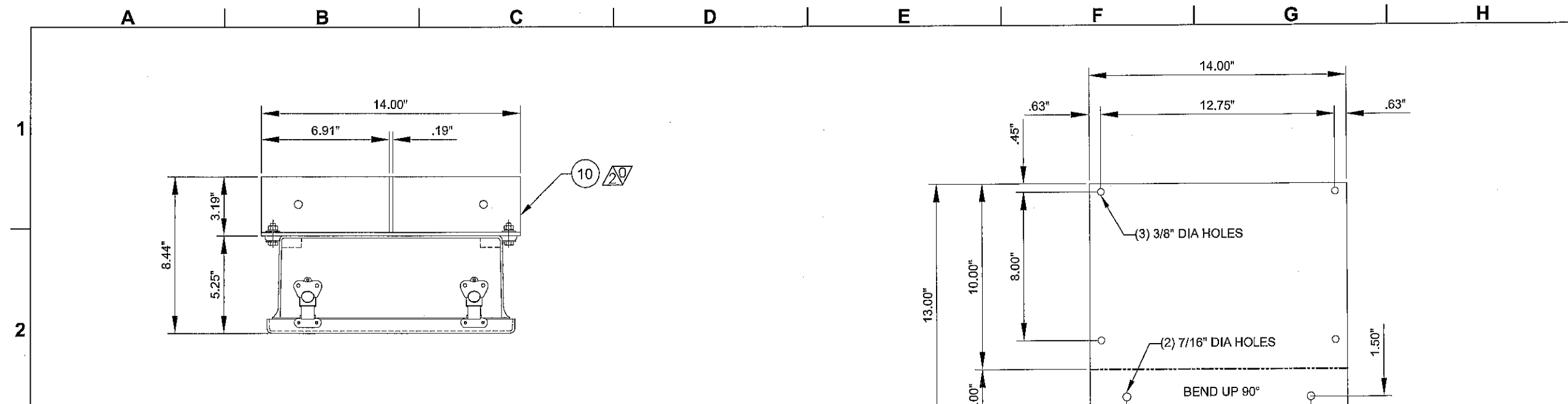
PROJECT 3429
 COPY OF A1-102823
 PNC C252586

GROUP WEIGHT: 3152
 SCALE: 1/2"=1'

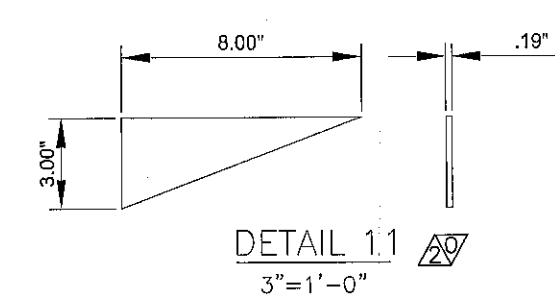
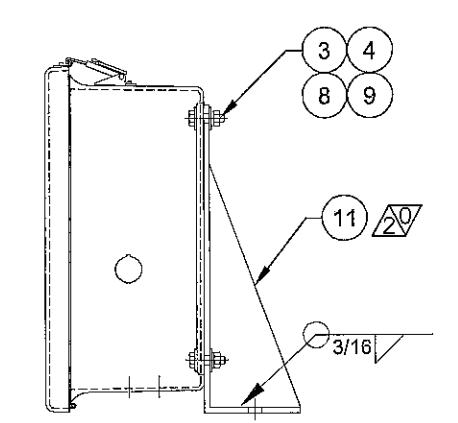
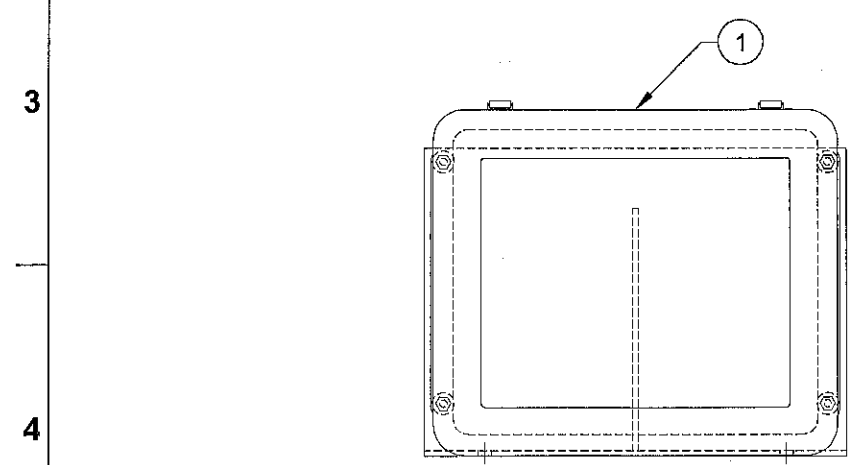
CREATED BY
 G STORAGE DATE: 30 JUN 2010

REVISIONS
 A 11 NOV 2010 REV ITEM #11 (REMOVED DWG#) BY GWS

A1-109027

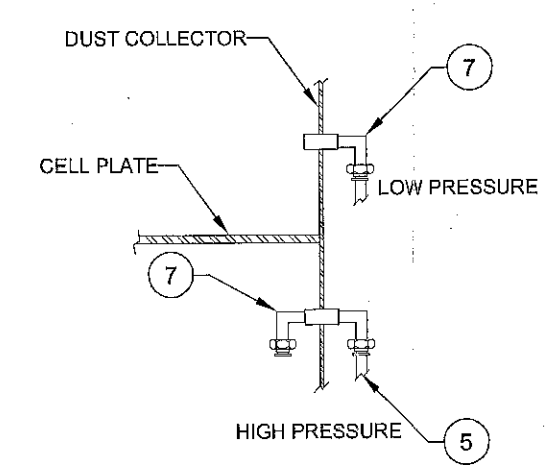
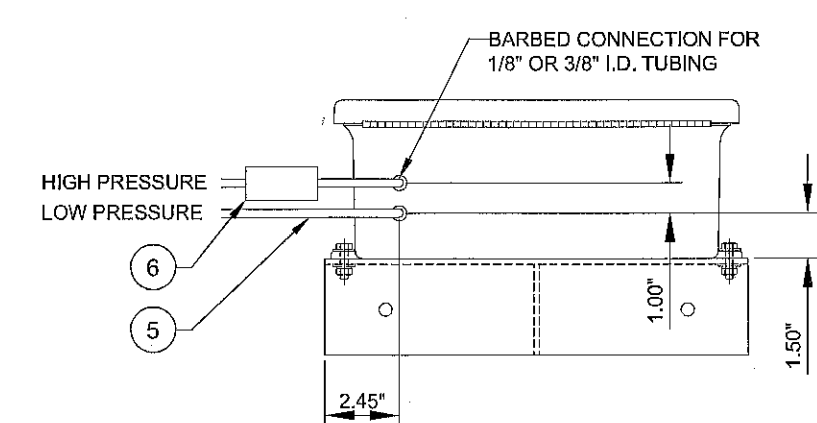


DETAIL 10
3" = 1'-0"



DETAIL 1.1
3" = 1'-0"

NOTE: MOUNT AS SHOWN MUST BE VISIBLE BY OPERATOR AT ALL TIMES DO NOT DRILL CONDUIT HOLE IN TOP OF PANEL



D	31 MAR 2011	ITEM 7 CHANGED FROM 2 PCS	J.P.
C	21 OCT 2010	2 HOLES ADDED	J.P.
B	11 AUG 2010	ADDED IT.7	DN
A	16 FEB 2010	IT #5,6 & NOTES ADDED	E.L.

UNLESS OTHERWISE SPECIFIED:
 ANGLES ± 1°
 FRACTIONS ± 1/16"
 2 PL DEC ± .06
 3 PL DEC ± .005
 SURFACE FINISH 125 RMS
 DIMENSIONS ARE IN INCHES
 WELDING IN ACCORDANCE TO AWS A2.4:2007
 DO NOT SCALE DRAWING

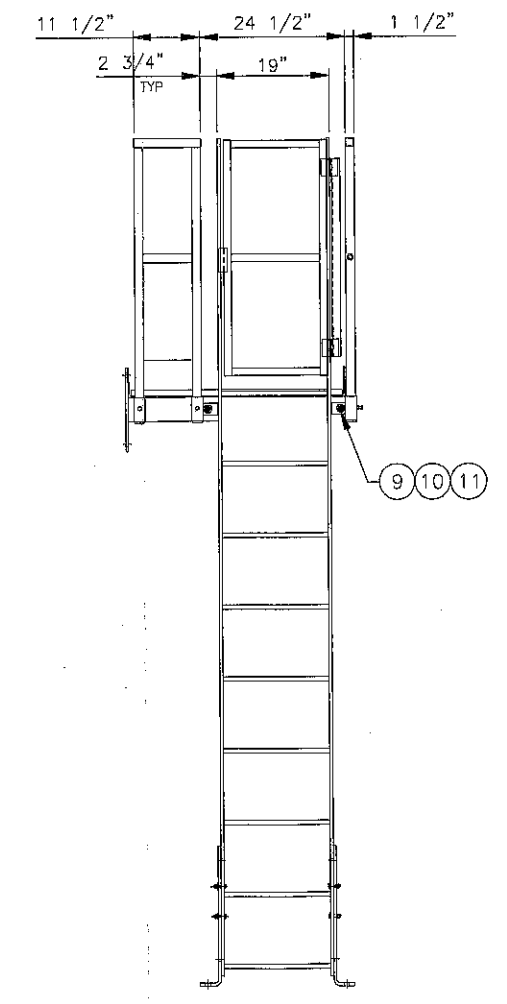
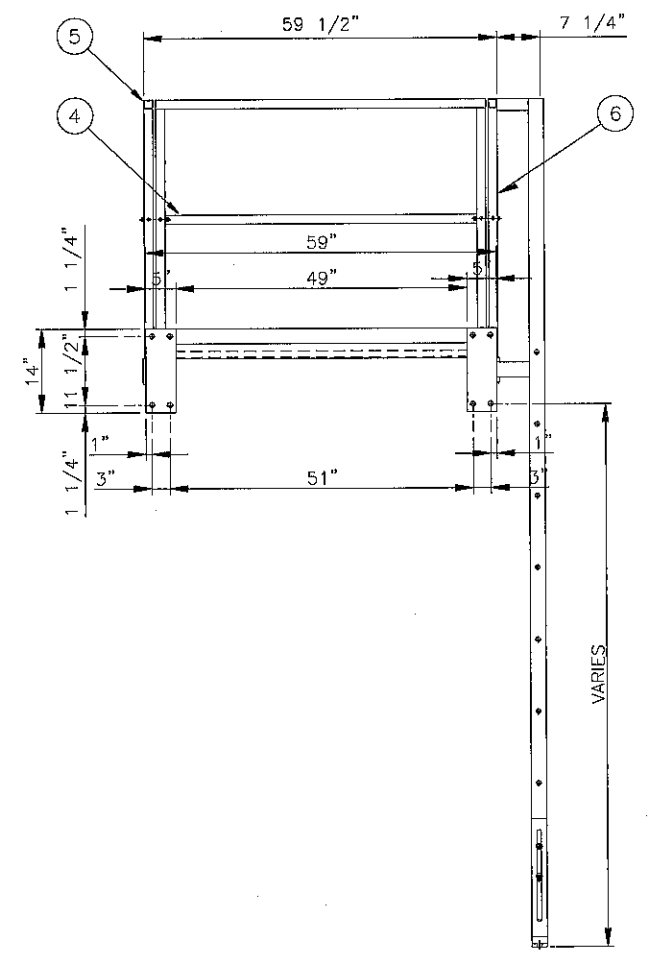
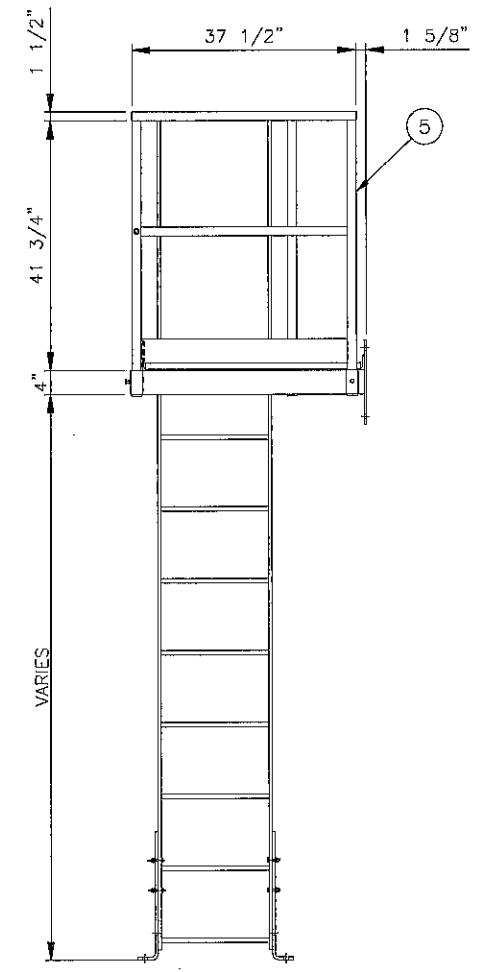
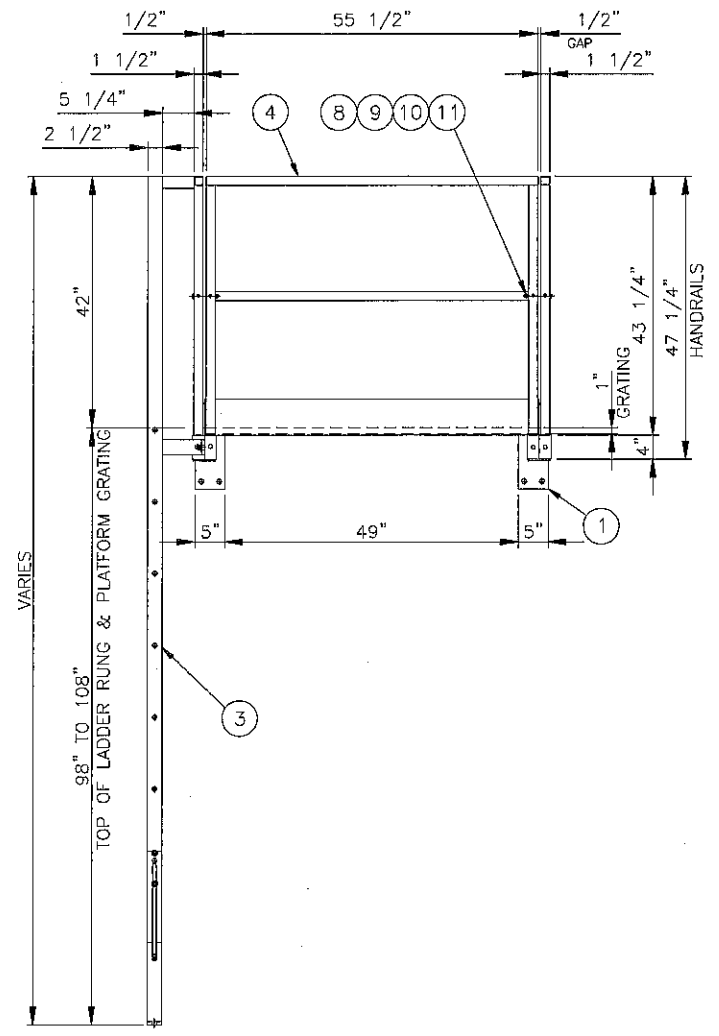
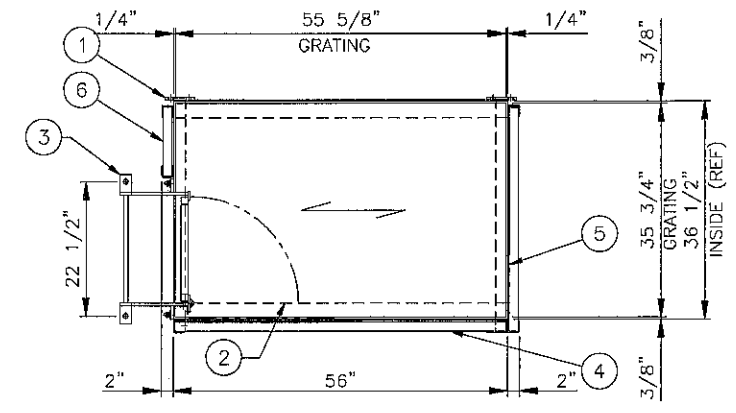
wheelabrator shaping technology	
Size: C	Scale: 3" = 1'-0"
Weight: 11.000 lb	Material:
Dim:	Owned by: NA

Timer & Photohelic Guage 24V DC (NA) Dust collector	
0 111215 pslea	1 120120 pslea
Rev EC	Date Sign
Created: 120301 leru	Checked:
Approved: 120302 leru	Wear/Spare part:
Origin:	Replacement for:
Replaced by:	

A2-55430

Revision 2
 Sheet of 1
 Minor rev. 0

ITEM	QTY	PART NO	DWG NO	DESCRIPTION	WT
1	1	C123113	A2-22241	ACCESS FRAME WELDMENT	142
2	1	-	-	GRATE(WB) 1" X 1/8" X 35 3/4" X 55 5/8" SP	-
3	1	C184133	A1-72654	ACCESS LADDER	174
4	1	C121462	A1-43178	HANDRAIL-FRONT	39
5	1	C120795	A1-43191	HANDRAIL-NON LADDER END	46
6	1	C121483	A1-43193	HANDRAIL-LADDER END	27
7	1	C78033	A2-8852	SWING GATE	26
8	1	-	-	1/2" NC X 4 1/2" HEX BOLT	
9	4	-	-	1/2" FLAT WASHER	
10	3	-	-	1/2" LOCK WASHER	
11	3	-	-	1/2" NC HEX NUT	



PN C202926

U.S. FILTER
BCP

U.S. FILTER/BCP
1219 CORPORATE DRIVE
BURLINGTON, ONTARIO
CANADA
L7L 5V5

TELEPHONE: (905) 319-7930
FACSIMILE: (905) 319-7632

SERVICE ACCESS JPSM-5D15
98" TO 108"

DATE 06 MAR 2003
GROUP 30

DRAWN HOLIERHOEK
DRAWING NO A1-82781

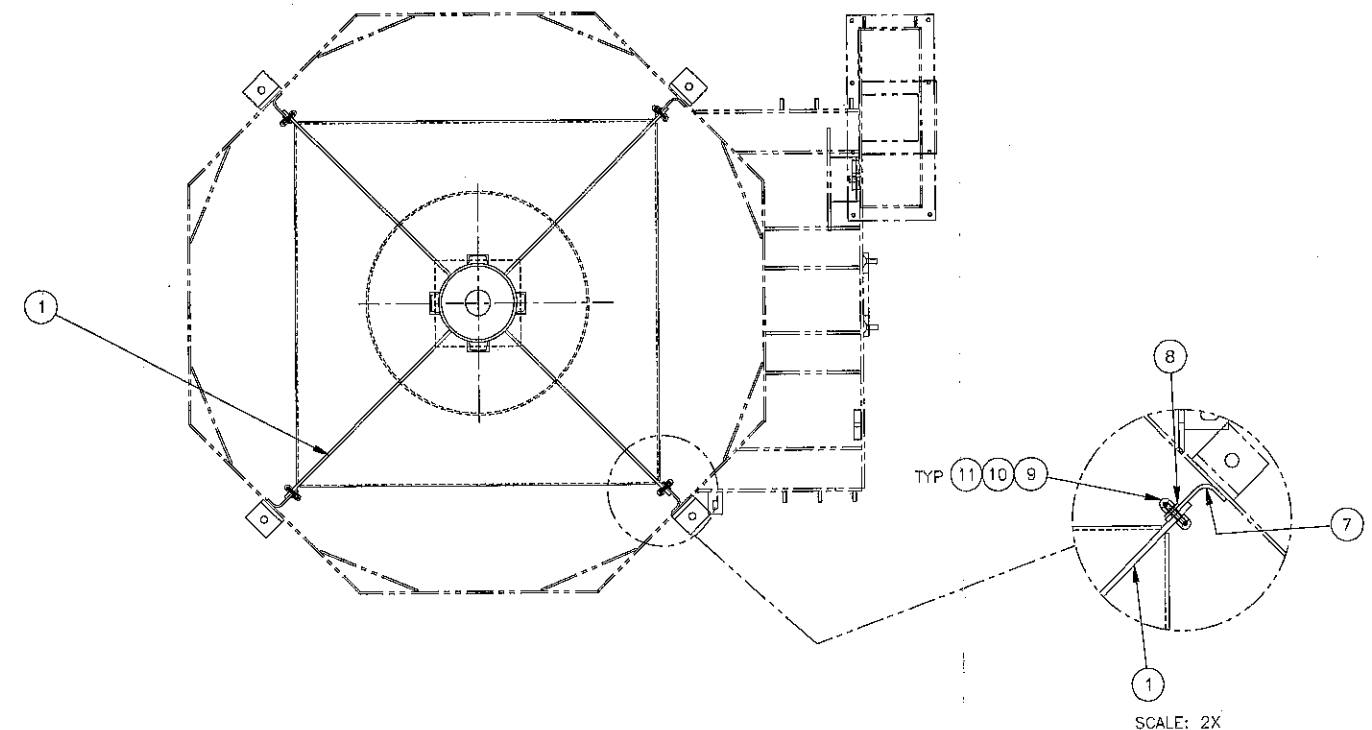
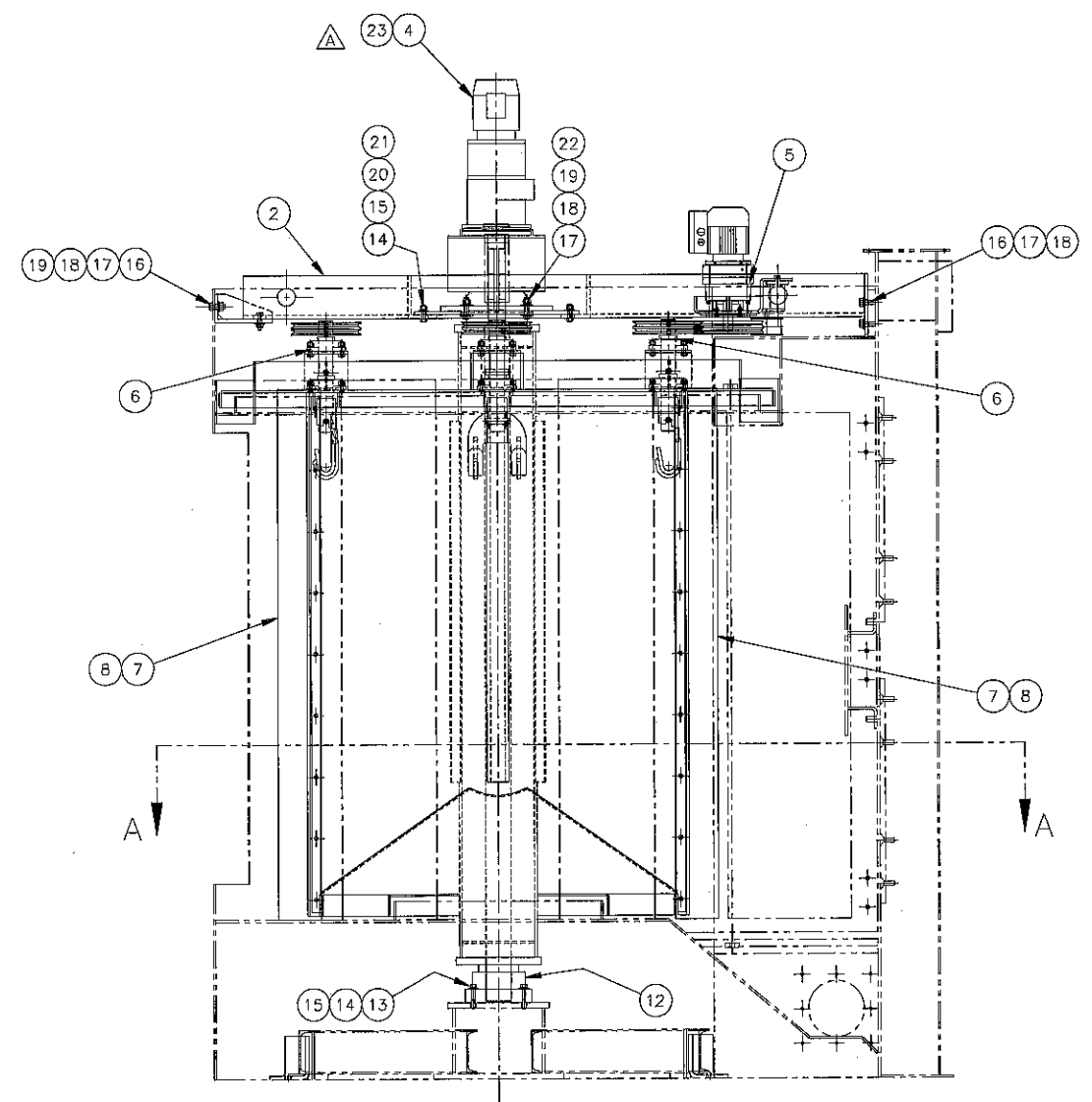
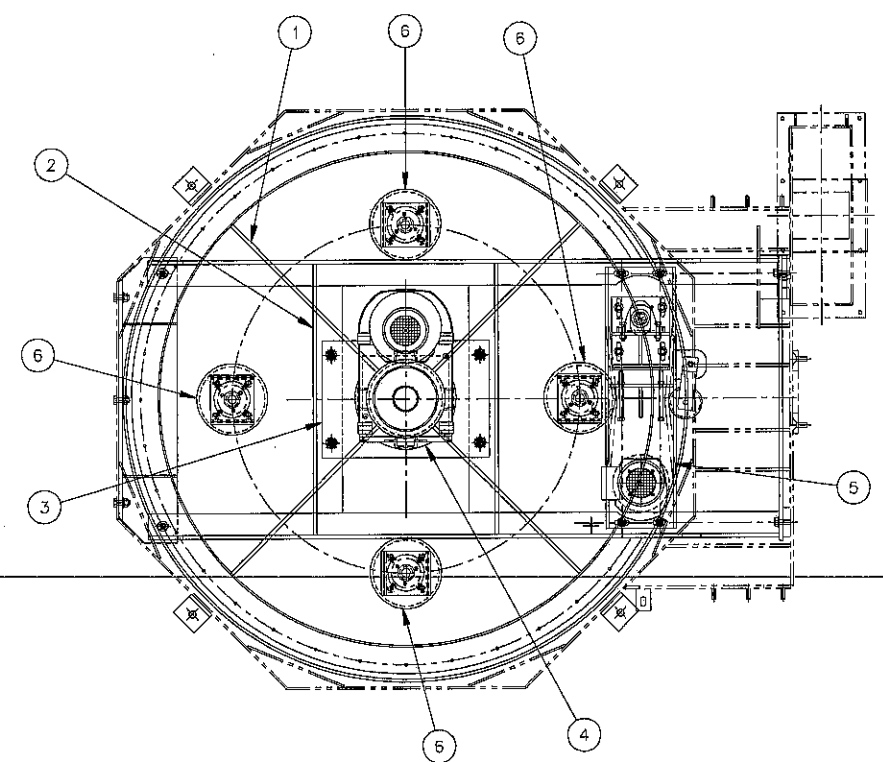
COPY OF A1-88535
REV 0
WEIGHT 451

REV	DATE	DESCRIPTION	BY

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BILL OF MATERIAL

DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	744439	06D0419	ROTARY CONVEYOR
2	1	735070	03D0777	UPPER BEARING FRAME
3	1	735130	03C0502	CAROUSEL DRIVE MOUNT PLATE
4	1	730586		GEARMOTOR 3/4 HP 3.2 RPM
5	1	744445	06D0422	SPINNER DRIVE ASSEMBLY
6	4	744426	06C0155	HANGER ASSEMBLY
7	4	679111	89C5050	VERTICAL SEAL
8	4	679110	89B5082	VERTICAL SEAL RETAINER
9	36	500661		SCREW/SETSOC 3/8" X 1.75"
10	72	076291	43A1186	NUT/CAP 3/8" HRDND.
11	72	500115		WASHER/LOCK 3/8"
12	1	673727		THRUST BEARING 3.50"B
13	4	500227		BOLT/HEX 1/2" X 3.00"
14	8	500106		WASHER/FLAT 1/2"
15	8	500116		WASHER/LOCK 1/2"
16	7	500247		BOLT/HEX 5/8" X 1.75"
17	11	500107		WASHER/FLAT 5/8"
18	11	500117		WASHER/LOCK 5/8"
19	7	500063		NUT/HEX 5/8"
20	4	500223		BOLT/HEX 1/2" X 2.00"
21	4	500062		NUT/HEX 1/2"
22	4	500250		BOLT/HEX 5/8" X 2.50"
23	1	502749		KEY 5/8" X 5/8" X 8.00"



SECTION A-A

A	J-3	ADDED ITEM NO. 23	11/1/06	MJL
REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED	3318	REF. PN/	735066	CAT. NO. 744449
TOLERANCE	UNLESS OTHERWISE SPECIFIED			
ANGLES	± 1'			
FRACTIONS	± 1/16			
2 PL DEC	± .06	SCALE	1" = 12"	DRAWN
3 PL DEC	± .005	DATE	06/05/2006	SHEET 01 OF 01
wheelabrator GROUP		ROTARY CONVEYOR ASSEMBLY		
WS 4/210 'A' SPINNER HANGER MACHINE		06D0424		

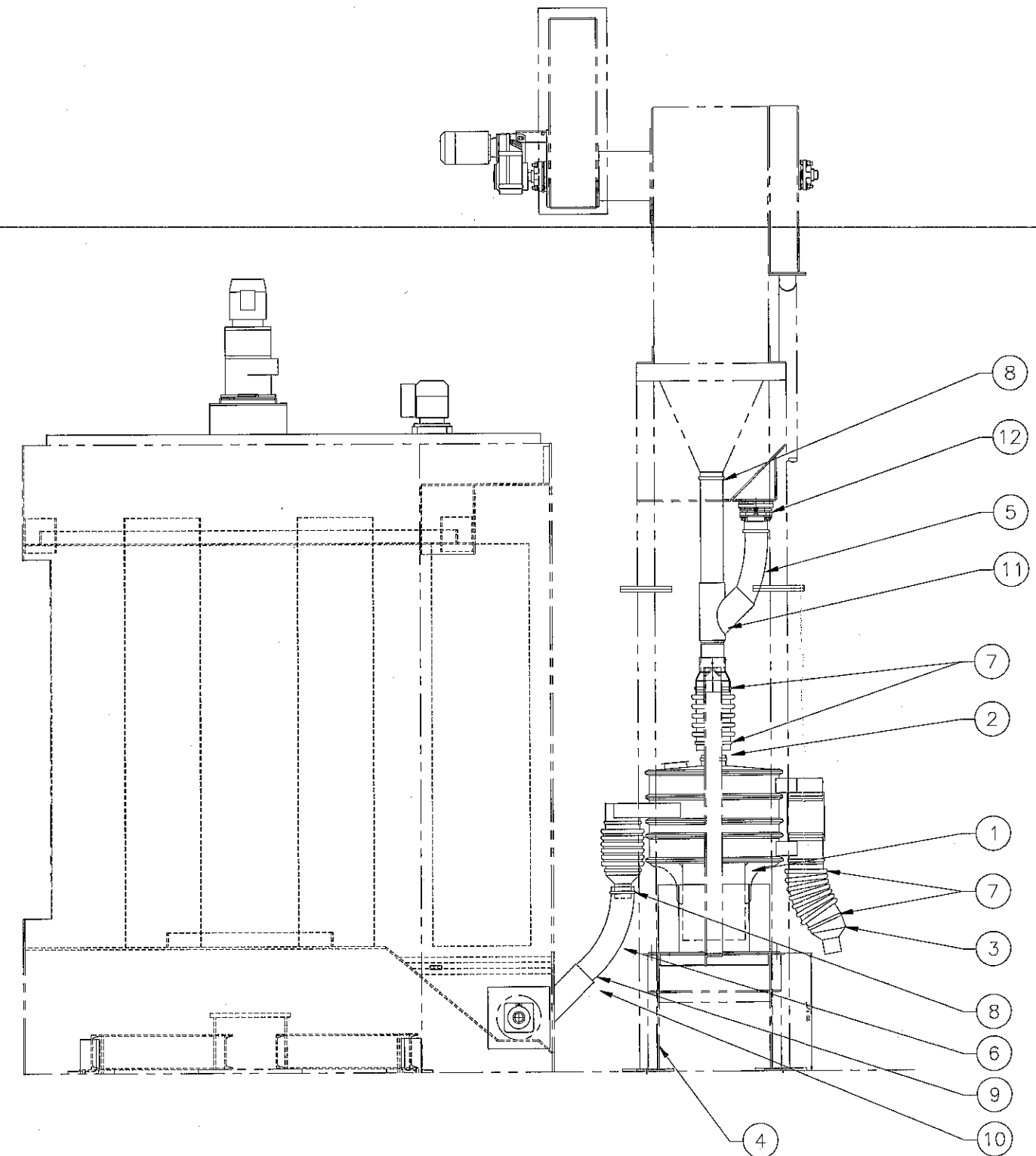
A B C D E F G H J K

DRAWING NO
A1-109248

REV
0

ITEM	QTY	PART NO	DWG NO	DESCRIPTION	WT
1	1	C252971	-	24" DIA. CYRA-VIB SEPARATOR	-
2	1	C213518	A3-48304	SEPARATOR INLET CAP	11
3	2	C199829	A3-45156	ADAPTER FUNNEL 6" DIA	22
4	1	C252977	A2-56509	VIBRATORY SEPARATOR SUPPORT FRAME	143
5	1	C88680	-	GUNITE RUBBER HOSE, 3" I.D. X 10'-0"	-
6	1	C1909	-	PURE GUM RUBBER HOSE, 3" I.D. X 2'-0"	-
7	6	C94236	-	HOSE CLAMP, 6"	-
8	3	C100234	-	HOSE CLAMP, 4"	-
9	16	-	-	#12 TEK SCREW X 3/4"	-
10	1	-	-	PIPE 4" STD X 5 1/2"	-
11	1	C109951	A3-20140	HOSE FITTING, Y	20
12	1	C238938	A1-101739	ABRASIVE CONTROL VALVE ASSEMBLY	7

SCREENS 120 TBC / FINE
28 TBC / COURSE
MIDWEST INDUSTRIES



A B C D E F G H J K

REV	DATE	DESCRIPTION	BY

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±1/16"
 DIM. UNITS ±.005
 SURFACE FINISH 125 RMS
 WELDING IN ACCORDANCE TO AWS A2.4:2007
 DO NOT SCALE DRAWING

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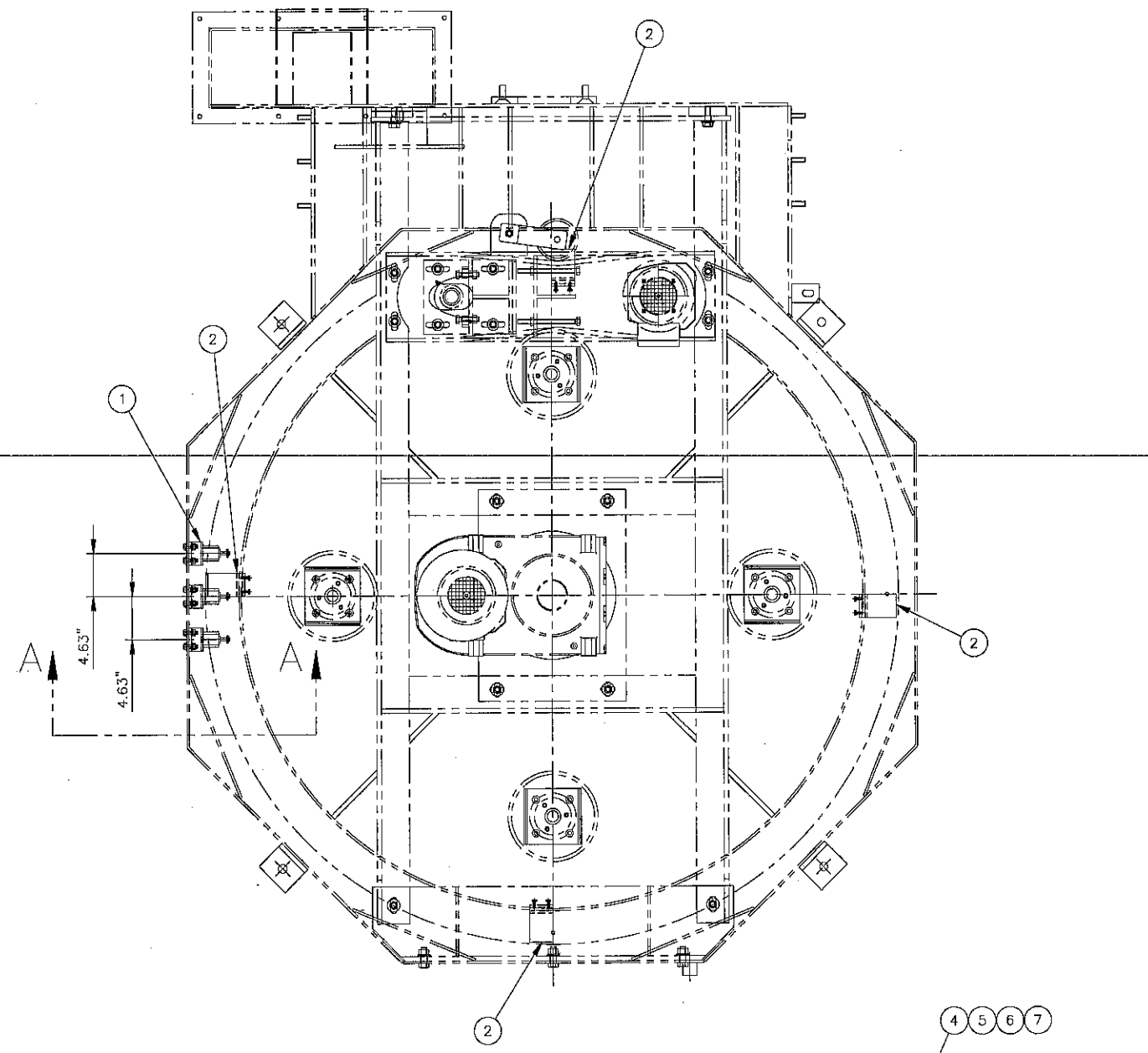
wheelabrator
GROUP

VIBRATORY SEPARATOR ARRANGEMENT

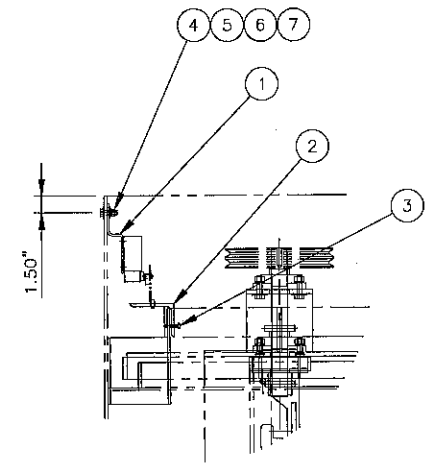
PROJECT 3599
 COPY OF A1-88292
 PNC C252978

GROUP 10 WEIGHT: 180 SCALE: 1"=1'-0"
 CREATED BY BORDIANL SHEET 1 OF 1 DATE: 18 APR 2006
 SIZE A1-109248

BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	3	680553	90B5033	MOUNTING BRACKET
2	4	695935	96B0143	ACTUATOR CLIP
3	8	500174		HEX HD SCR 1/4"-20 UNC x .75"
4	6	500778		HEX HD SCR 3/8"-16 UNC x 1.25"
5	12	500104		FLAT WASHER 3/8"
6	6	500115		LOCK WASHER 3/8"
7	6	500060		HEX NUT 3/8"-16 UNC



NOTE:
 DIMENSIONS AND LOCATIONS SHOWN FOR ITEM
 2, ACTUATOR CLIP, ARE REFERENCE ONLY. FINAL
 LOCATION TO BE DETERMINED AT ASSEMBLY BASED
 ON A MAXIMUM OF APPROXIMATELY 16° INDEX.
 (8° BEFORE CENTER AND 8° AFTER CENTER)



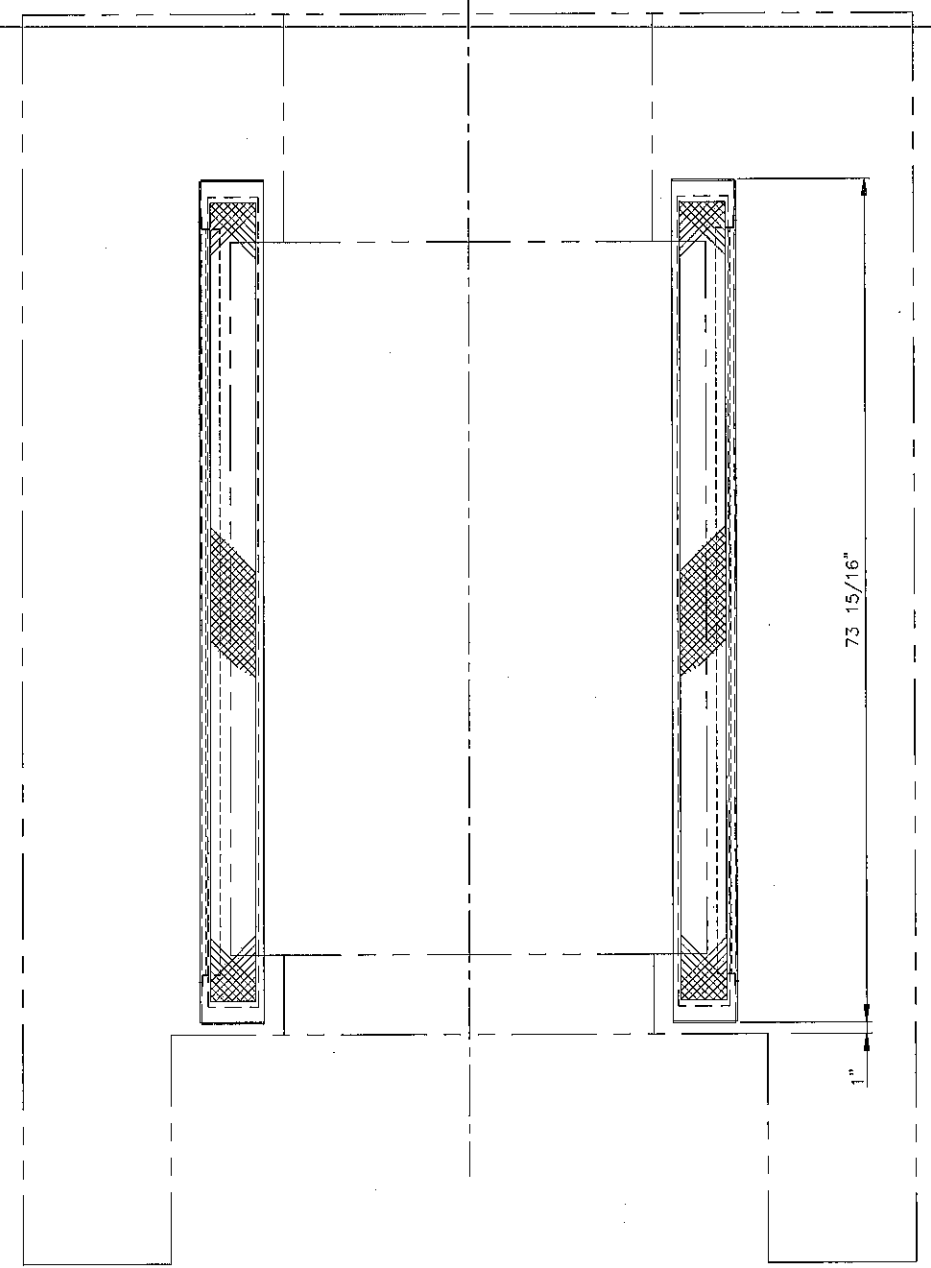
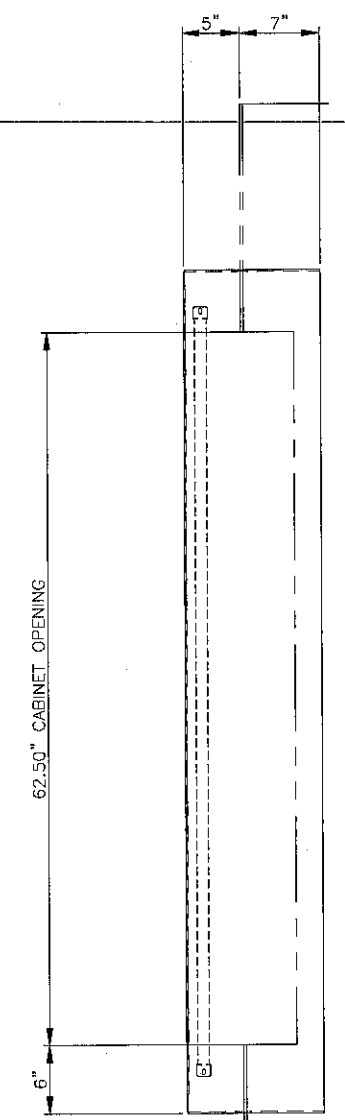
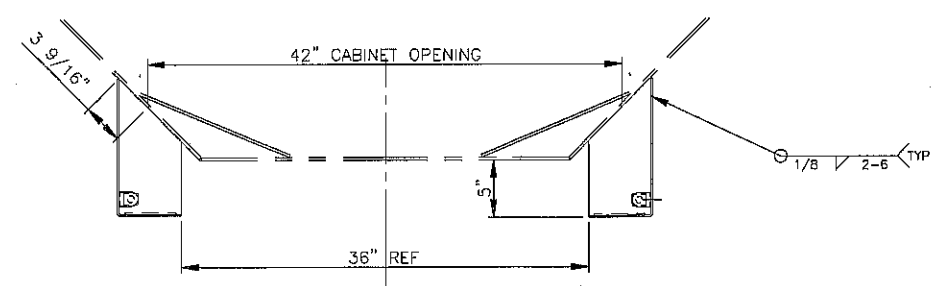
SECTION A-A

REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED 3318		REF. PN/735556	CAT. NO. 7444440	
TOLERANCE UNLESS OTHERWISE SPECIFIED		wheelabrator GROUP		
ANGLES ± 1°		LIMIT SWITCH ARRANGEMENT		
FRACTIONS ± 1/16		WS 4/210 'A' SPINNER HANGER MACHINE		
2 PL DEC ± .06		SCALE 1/8" = 1"	DRAWN KRH	06D0420
3 PL DEC ± .005		DATE 06/02/2006	SHEET 01 OF 01	

DRAWING NO
A1-109163

REV
0

ITEM	QTY	PART NO	DWG NO	DESCRIPTION	WT
1	1	C190683	--	LIGHT CURTAIN, 64"	--
2	2	C190679	A1-75972	LIGHT CURTAIN GUARD WELDMENT	36



REV	DATE	DESCRIPTION	BY

UNLESS OTHERWISE SPECIFIED:
 ANGLES ±1°
 FRACTIONS ±.015
 2 PL DEC ±.06
 3 PL DEC ±.008
 SURFACE FINISH 125 RMS
 WELDING IN ACCORDANCE TO AWS A2.4:2007
 DO NOT SCALE DRAWING

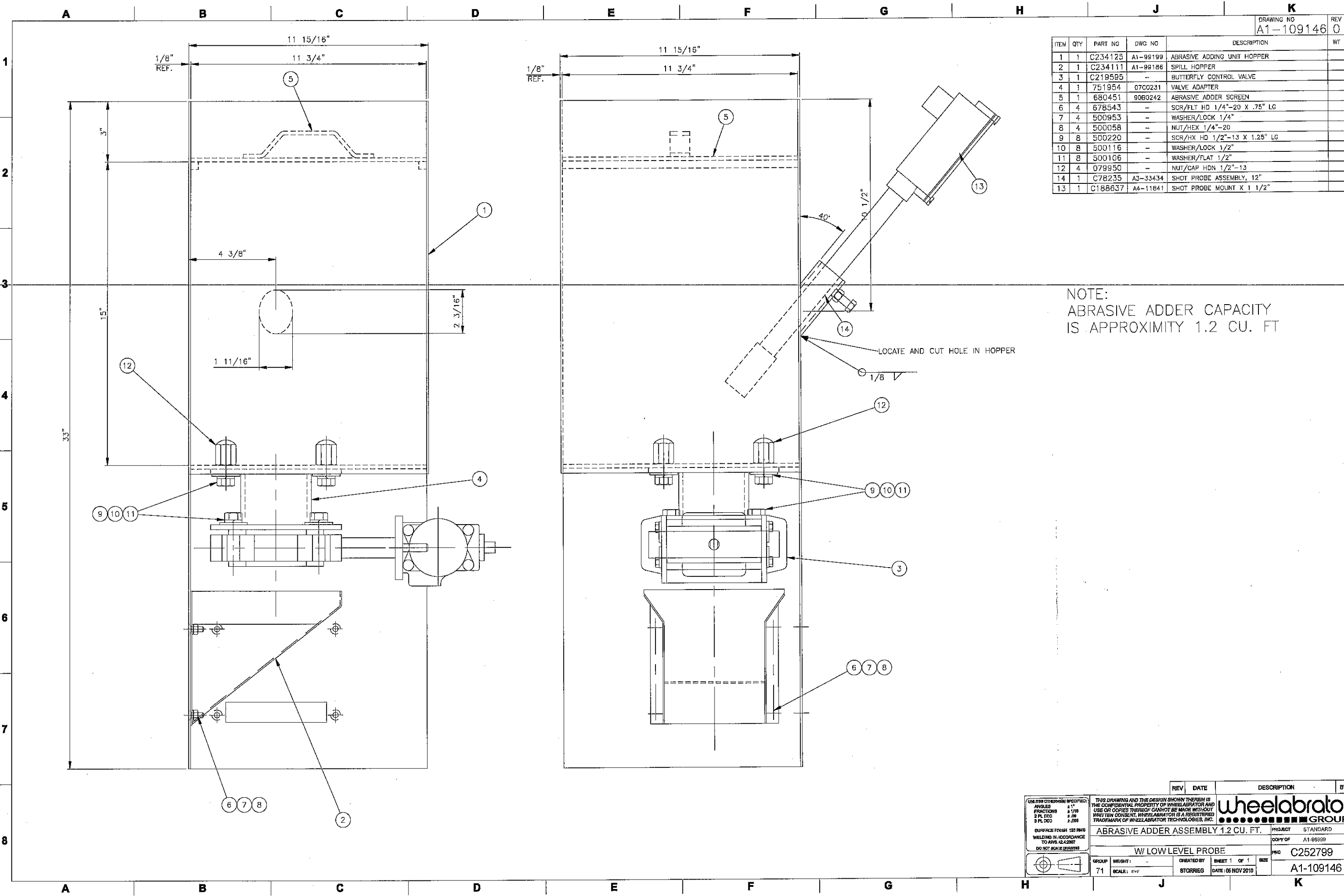
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wheelabrator
GROUP

LIGHT CURTAIN GUARD ARRANGEMENT

PROJECT: 03D0834
 COPY OF: C252822
 PWC: A1-109163

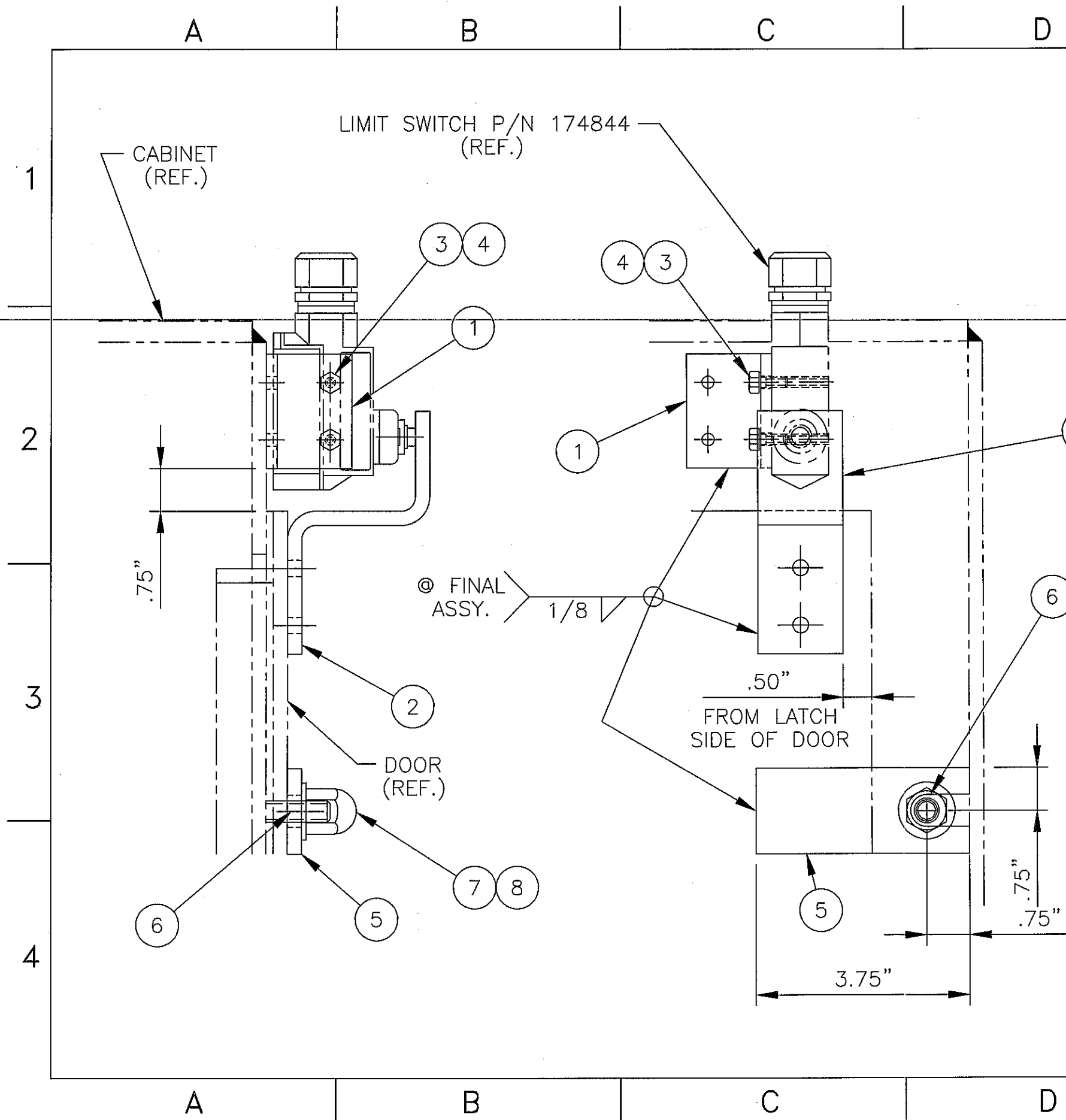
GROUP: 50 WEIGHT: 36 CREATED BY: G STORRIE SHEET OF: DATE: 27 FEB 2004



		DRAWING NO		REV	
		A1-109146		0	
ITEM	QTY	PART NO	DWG NO	DESCRIPTION	WT
1	1	C234125	A1-99199	ABRASIVE ADDING UNIT HOPPER	
2	1	C234111	A1-99186	SPILL HOPPER	
3	1	C219595	-	BUTTERFLY CONTROL VALVE	
4	1	751954	07C0231	VALVE ADAPTER	
5	1	680451	90B0242	ABRASIVE ADDER SCREEN	
6	4	678543	-	SCR/FLT HD 1/4"-20 X .75" LG	
7	4	500953	-	WASHER/LOCK 1/4"	
8	4	500058	-	NUT/HEX 1/4"-20	
9	8	500220	-	SCR/HX HD 1/2"-13 X 1.25" LG	
10	8	500116	-	WASHER/LOCK 1/2"	
11	8	500106	-	WASHER/FLAT 1/2"	
12	4	079950	-	NUT/CAP HDN 1/2"-13	
14	1	C78235	A3-33434	SHOT PROBE ASSEMBLY, 12"	
13	1	C188637	A4-11841	SHOT PROBE MOUNT X 1 1/2"	

NOTE:
 ABRASIVE ADDER CAPACITY
 IS APPROXIMITY 1.2 CU. FT

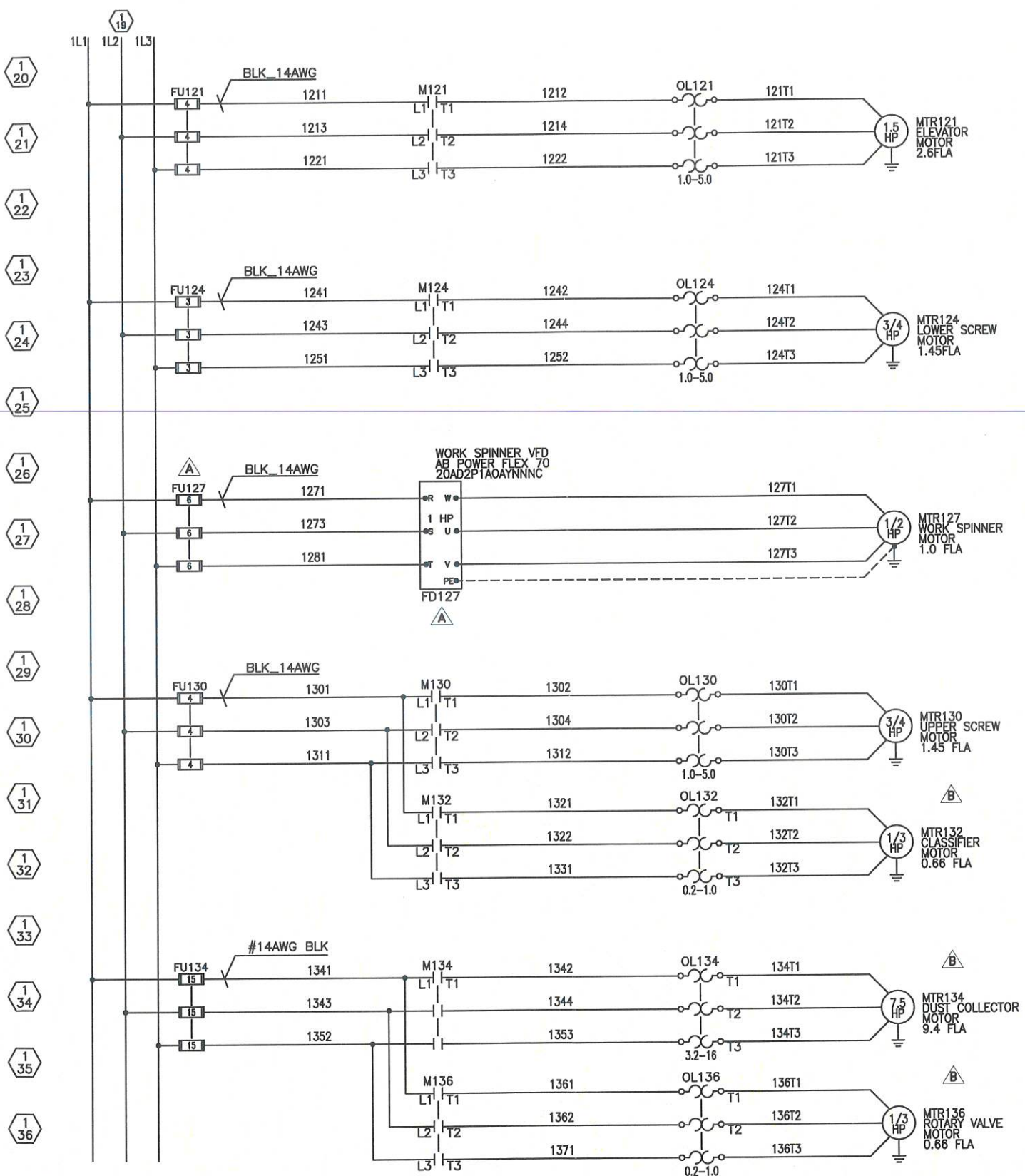
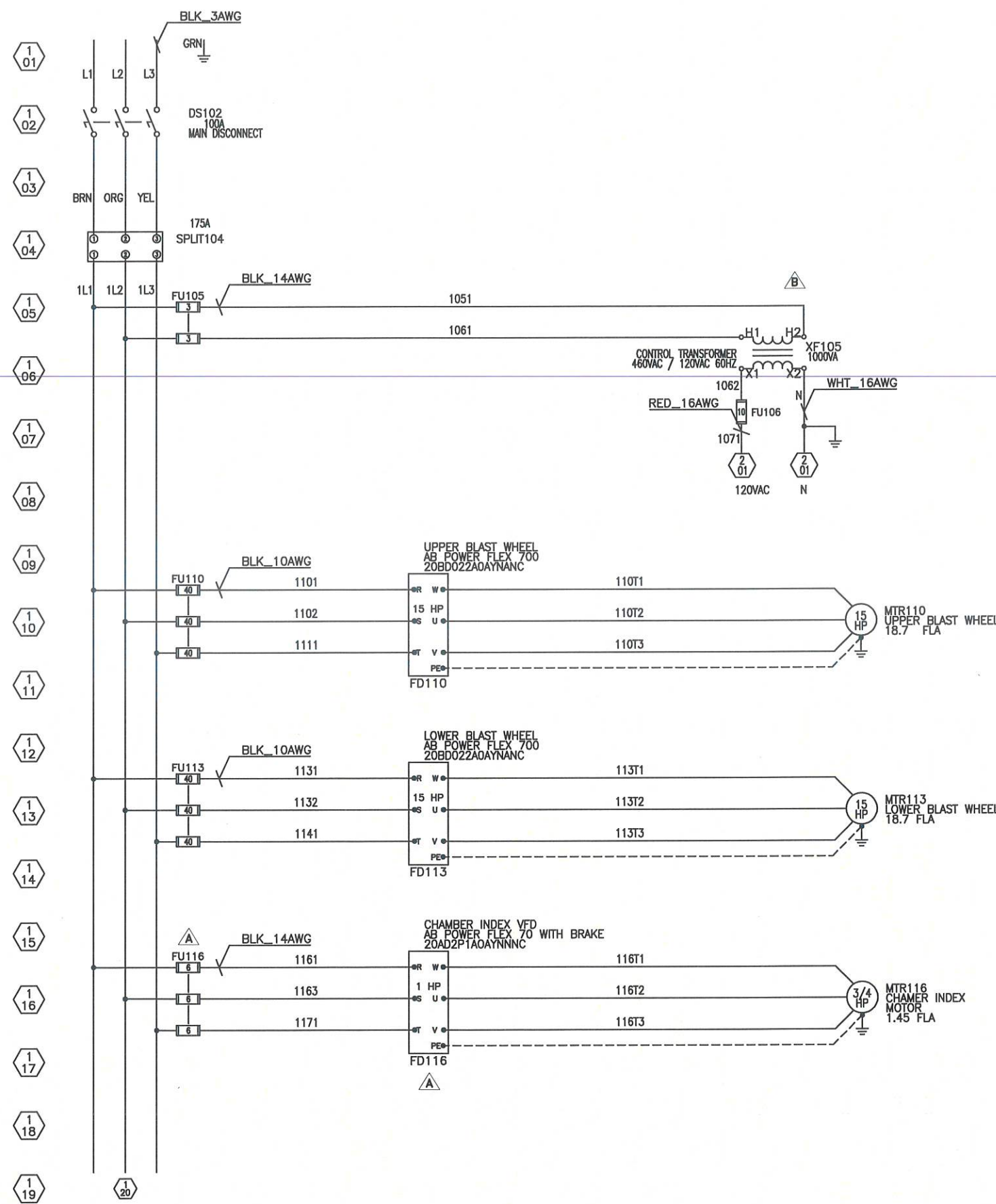
UNLESS OTHERWISE SPECIFIED: ANGLES ±1° FRACTIONS 1/16 2 PL DEC 3/32 3 PL DEC 3/64		THIS DRAWING AND THE DESIGN SHOWN THEREIN IS THE CONFIDENTIAL PROPERTY OF WHEELABRATOR AND USE OR COPIES THEREOF CANNOT BE MADE WITHOUT WRITTEN CONSENT. WHEELABRATOR IS A REGISTERED TRADEMARK OF WHEELABRATOR TECHNOLOGIES, INC.			
SURFACE FINISH 118 RMG WELDING IN ACCORDANCE TO AWS A2.4:2007 DO NOT SCALE DRAWING		PROJECT STANDARD ABRASIVE ADDER ASSEMBLY 1.2 CU. FT. W/ LOW LEVEL PROBE COPY OF A1-99999 C252799 A1-109146		REV DATE DESCRIPTION BY 71 SCALE: DWY STORRIEG DATE: 06 NOV 2010	



BILL OF MATERIAL				
DET	QTY	CAT. NO.	DWG. NO.	DESCRIPTION
1	1	185032	58A1668	CLIP ANGLE
2	1	185033	01B0328	TRIP BAR
3	2	501053		HEX HD CAP SCR #10NC X 1/2"
4	2	500113		LOCK WASHER 3/16"
5	1	743696	06B0078	LOCKING BAR
6	1	462034		WELD STUD SS 3/8"-16 X 1 1/4"
7	1	502620		CAP NUT MS 3/8"-16
8	1	500104		FLAT WASHER 3/8"

REV.	ZONE	DESCRIPTION	DATE	BY
REVISIONS				
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FIRST USED STANDARD		REF. PN/681247	CAT. NO. 743591	
TOLERANCE UNLESS OTHERWISE SPECIFIED		wheelabrator GROUP		
ANGLES ± 1°		LIMIT SWITCH ASSEMBLY W/LOCKING BAR		
FRACTIONS ± 1/16		2 WHEEL DOWNBLAST PIPE CLEANER		
2 PL DEC ± .06		SCALE 1/2" = 1"	DRAWN KDC	06B0068
3 PL DEC ± .005		DATE 03/29/2006	SHEET 01 OF 01	

CUSTOMER SUPPLY
460VAC 3 ϕ 60Hz



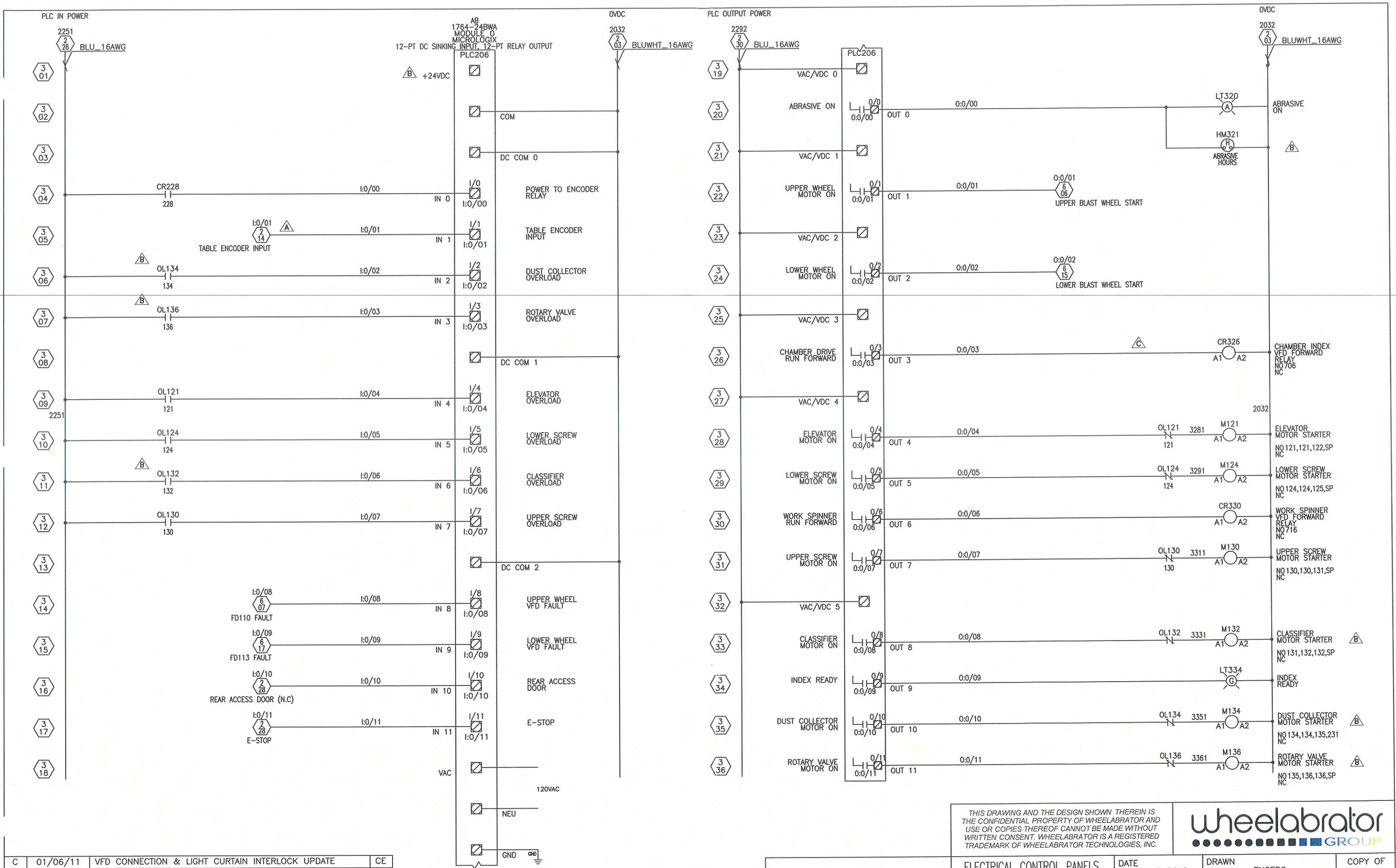
REV	DATE	DESCRIPTION	BY
B	11/17/10	DUST COL., ROTARY VALVE, CLASSIFIER, ZEROSPEEDS ADDED	CE
A	05/17/07	ADDED VFD, PLC I/O, AND UPDATED I/O WIRING	GF

NAME PLATE DATA	
MODEL: A3-51403	SERIAL: 3429
VOLTS: 460	CONTROL: 24VDC
HP: 42.5	KW: 31.7
CYCLES: 60	AMPS: 52
SCCR: 65,000	WIRETEMP: 90 °C
AS BUILT	

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wheelabrator
GROUP

ELECTRICAL CONTROL PANELS POWER SCHEMATIC #1 J3429 LEUPOLD & STEVENS		DATE NOV 17 2010	DRAWN ENGERC	COPY OF -
GROUP 96	SCALE FULL	DRAWING NO A3-51404	REV C	WEIGHT -



REV	DATE	DESCRIPTION	BY
C	01/06/11	VFD CONNECTION & LIGHT CURTAIN INTERLOCK UPDATE	CE
B	11/17/10	DUST COL., ROTARY VALVE, CLASSIFIER, ZEROSPEEDS ADDED	CE
A	05/17/07	ADDED VFD, PLC I/O, AND UPDATED I/O WIRING	GF

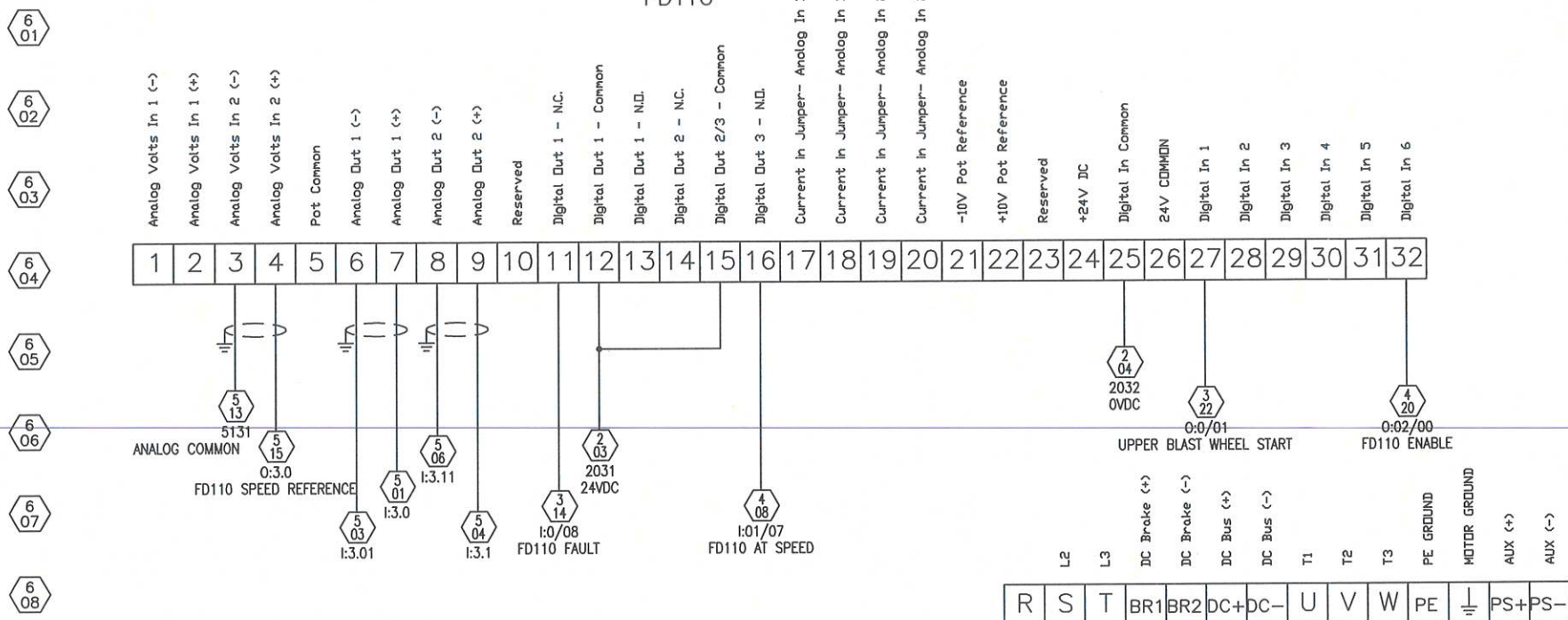
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wheelabrator
GROUP

ELECTRICAL CONTROL PANELS CONTROL SCHEMATIC #2 J3429 LEUPOLD & STEVENS		DATE NOV 17 2010	DRAWN ENGERC		COPY OF -
GROUP 96	SCALE FULL	DRAWING NO A3-51406	REV C	WEIGHT -	

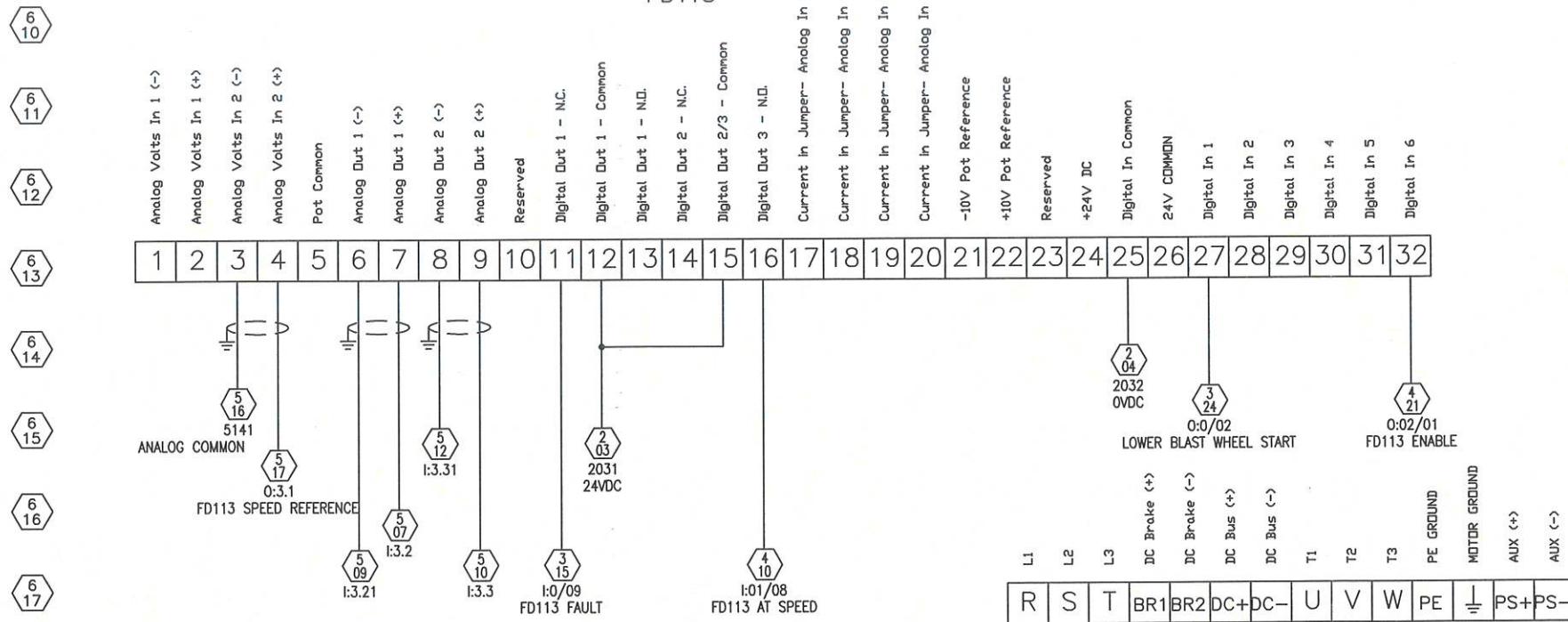
UPPER BLAST WHEEL
15HP POWERFLEX 700 VFD
FD110



AB-POWER FLEX 700 VFD PARAMETERS				AB-POWER FLEX 700 VFD PARAMETERS			
DESCRIPTION	PAR#	SHOP SETTING	FIELD SETTING	DESCRIPTION	PAR#	SHOP SETTING	FIELD SETTING
MOTOR NP VOLTS	41	460		ACCEL TIME 1	140	3 Sec	
MOTOR NP FLA	42	18.7		DECEL TIME 1	142	3 Sec	
MOTOR NP HERZ	43	60		CURRENT LMT SEL	147	0	
MOTOR NP RPM	44	3525		CURRENT LMT VAL	148	19.0	
MOTOR NP POWER	45	15		STOP MODE A	155	1 - "Ramp"	
MOTOR PWR UNITS	46	Horsepower		DIRECTION MODE	190	0 - "Unipolar"	
MINIMUM SPEED	81	30 Hz		PARAM ACCESS LVL	196	1 - "Advance"	
MAXIMUM SPEED	82	60 Hz		DPI PORT SEL	274	0 - "Not Used"	
SPEED REF A SEL	90	2-Aanlog In 2		ANALOG OUT1 SEL	342	0 - "Output Freq"	
JOG SPEED	100	10 Hz		ANALOG OUT2 SEL	345	2 - "Output Amps"	
PRESET SPEED 1	101			ANALOG OUT CONFIG	340	00 (Voltage)	
PRESET SPEED 2	102			DIGITAL IN 1 SEL	361	2 - "Run"	
PRESET SPEED 3	103			DIGITAL IN 2 SEL	362	0 - "Not Used"	
PRESET SPEED 4	104			DIGITAL IN 3 SEL	363	0 - "Not Used"	
DIG DUI SEL	380	1-"Fault"		DIGITAL IN 4 SEL	364	0 - "Not Used"	
DIG DU2 SEL	384			DIGITAL IN 5 SEL	365	0 - "Not Used"	
DIG DU2 SEL	388	9-"At Speed"		DIGITAL IN 6 SEL	366	1 - "Enable"	**

** NOTE: Hardware Enable Circuitry
1. Remove the J10 Enable Jumper
2. Wire Enable Signal to Digital In 6
3. Set Parameter 366 to 1 - "Enable"

LOWER BLAST WHEEL
15HP POWERFLEX 700 VFD
FD113



AB-POWER FLEX 700 VFD PARAMETERS				AB-POWER FLEX 700 VFD PARAMETERS			
DESCRIPTION	PAR#	SHOP SETTING	FIELD SETTING	DESCRIPTION	PAR#	SHOP SETTING	FIELD SETTING
MOTOR NP VOLTS	41	460		ACCEL TIME 1	140	3 Sec	
MOTOR NP FLA	42	18.7		DECEL TIME 1	142	3 Sec	
MOTOR NP HERZ	43	60		CURRENT LMT SEL	147	0	
MOTOR NP RPM	44	3525		CURRENT LMT VAL	148	19.0	
MOTOR NP POWER	45	15		STOP MODE A	155	1 - "Ramp"	
MOTOR PWR UNITS	46	Horsepower		DIRECTION MODE	190	0 - "Unipolar"	
MINIMUM SPEED	81	30 Hz		PARAM ACCESS LVL	196	1 - "Advance"	
MAXIMUM SPEED	82	60 Hz		DPI PORT SEL	274	0 - "Not Used"	
SPEED REF A SEL	90	2-Aanlog In 2		ANALOG OUT1 SEL	342	0 - "Output Freq"	
JOG SPEED	100	10 Hz		ANALOG OUT2 SEL	345	2 - "Output Amps"	
PRESET SPEED 1	101			ANALOG OUT CONFIG	340	00 (Voltage)	
PRESET SPEED 2	102			DIGITAL IN 1 SEL	361	2 - "Run"	
PRESET SPEED 3	103			DIGITAL IN 2 SEL	362	0 - "Not Used"	
PRESET SPEED 4	104			DIGITAL IN 3 SEL	363	0 - "Not Used"	
DIG DUI SEL	380	1-"Fault"		DIGITAL IN 4 SEL	364	0 - "Not Used"	
DIG DU2 SEL	384			DIGITAL IN 5 SEL	365	0 - "Not Used"	
DIG DU2 SEL	388	9-"At Speed"		DIGITAL IN 6 SEL	366	1 - "Enable"	**

** NOTE: Hardware Enable Circuitry
1. Remove the J10 Enable Jumper
2. Wire Enable Signal to Digital In 6
3. Set Parameter 366 to 1 - "Enable"

REV	DATE	DESCRIPTION	BY

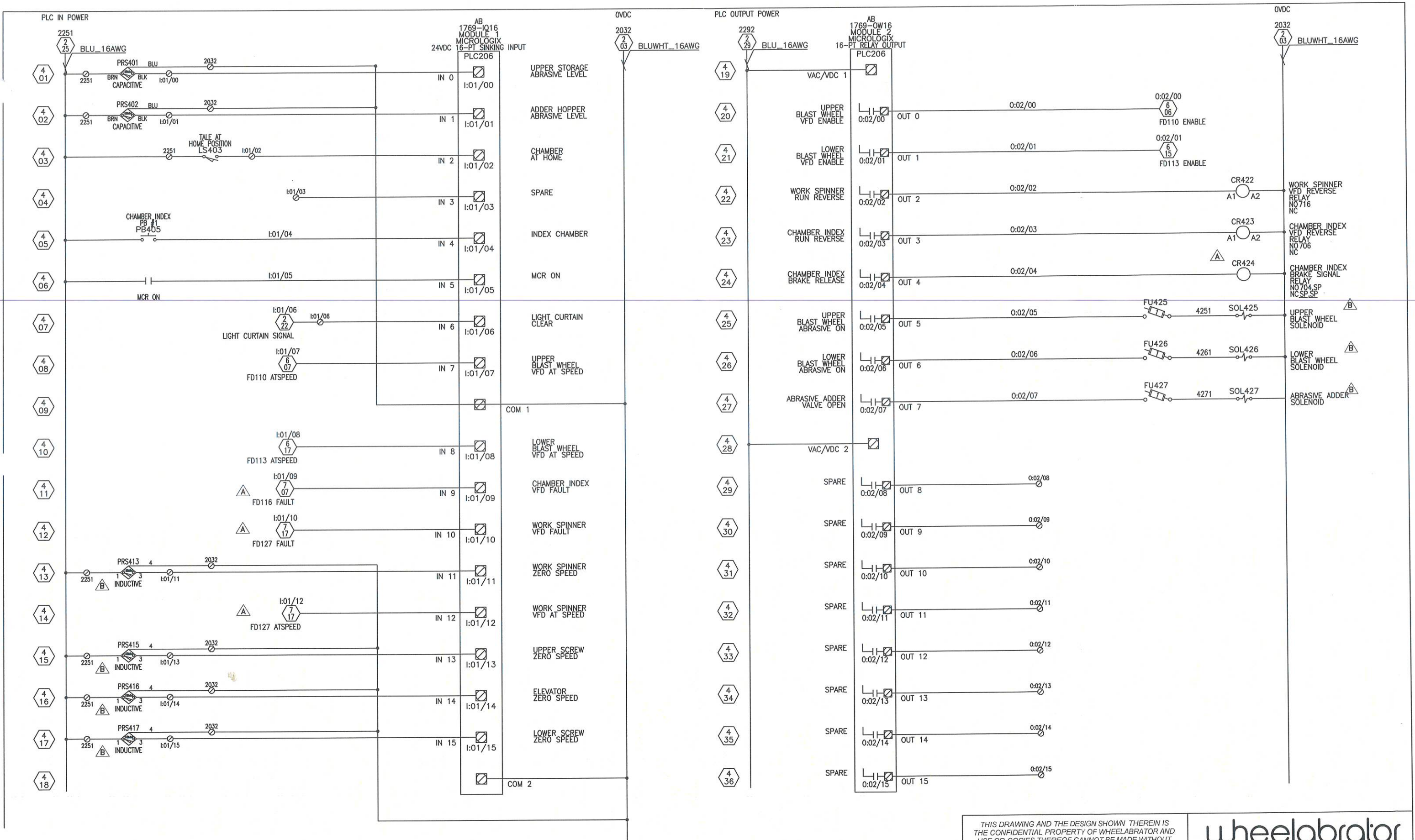
AS BUILT

ELECTRICAL CONTROL PANELS
FREQUENCY SCHEMATIC #1
J3429 LEUPOLD & STEVENS

DATE NOV 17 2010	SCALE FULL	DRAWN ENGERC	REV C	COPY OF -	WEIGHT -
GROUP 96	DRAWING NO A3-51409				

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REV	DATE	DESCRIPTION	BY
B	11/17/10	DUST COL., ROTARY VALVE, CLASSIFIER, ZEROSPEEDS ADDED	CE
A	05/17/07	ADDED VFD, PLC I/O, AND UPDATED I/O WIRING	GF

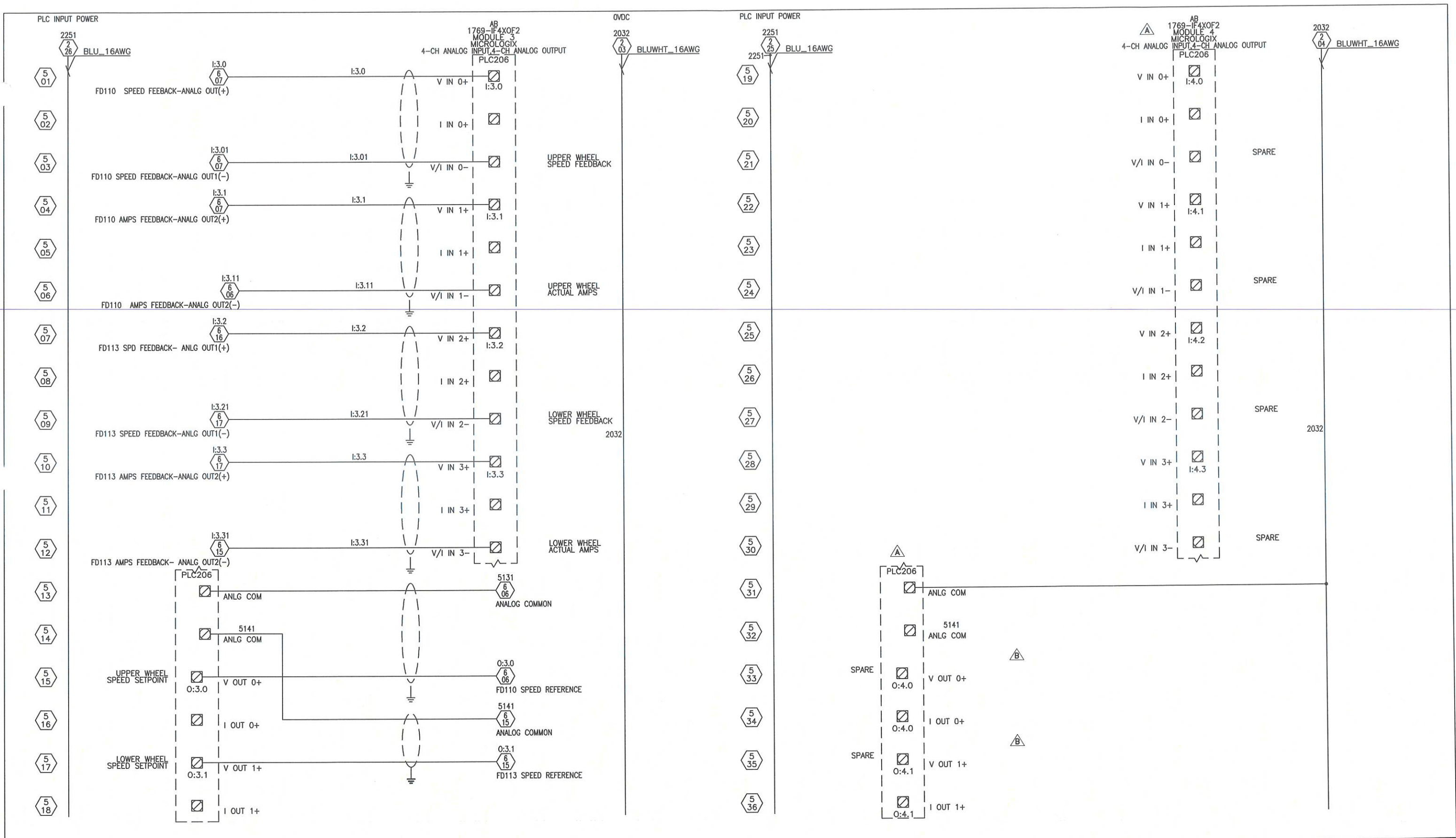
AS BUILT

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ELECTRICAL CONTROL PANELS
CONTROL SCHEMATIC #3
J3429 LEUPOLD & STEVENS

wheelabrator
GROUP

DATE	NOV 17 2010	DRAWN	ENGERC	COPY OF
GROUP	96	SCALE	FULL	REV
DRAWING NO	A3-51407	REV	C	WEIGHT
				-



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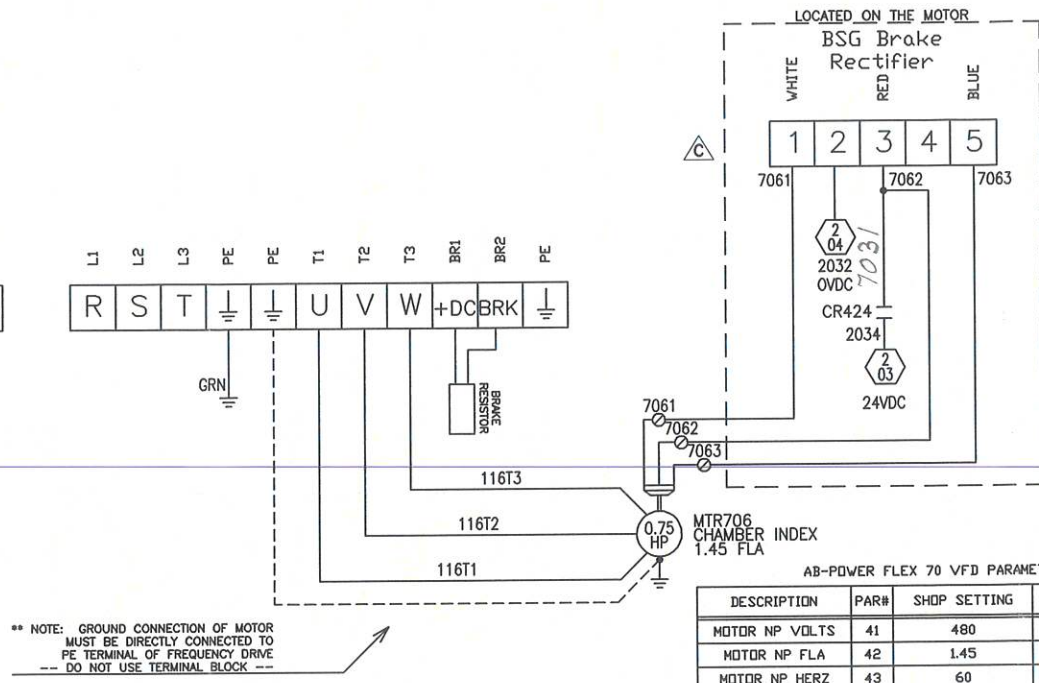
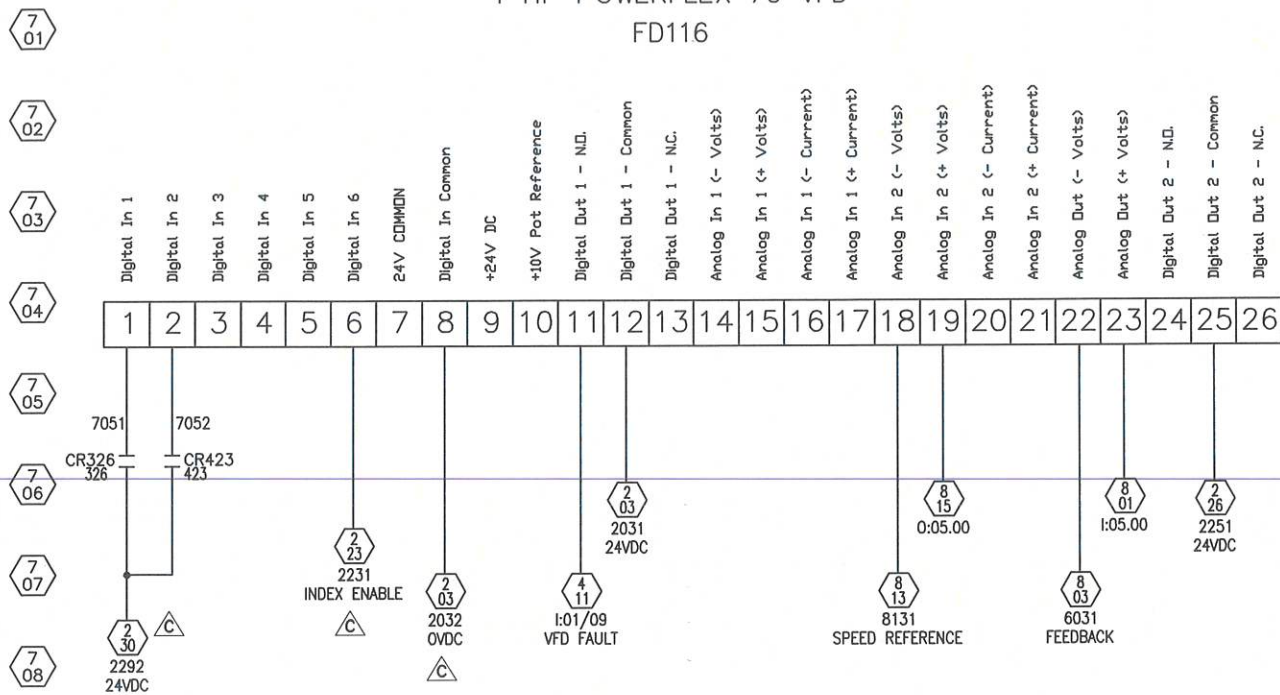
AS BUILT

ELECTRICAL CONTROL PANELS
CONTROL SCHEMATIC #4
J3429 LEUPOLD & STEVENS

DATE NOV 17 2010		DRAWN ENGERC		COPY OF -	
GROUP 96	SCALE FULL	DRAWING NO A3-51408	REV C	WEIGHT -	

REV	DATE	DESCRIPTION	BY
B	11/17/10	DUST COL., ROTARY VALVE, CLASSIFIER, ZEROSPEEDS ADDED	CE
A	05/17/07	ADDED VFD, PLC I/O, AND UPDATED I/O WIRING	GF

CHAMBER INDEX VFD
1 HP POWERFLEX 70 VFD
FD116

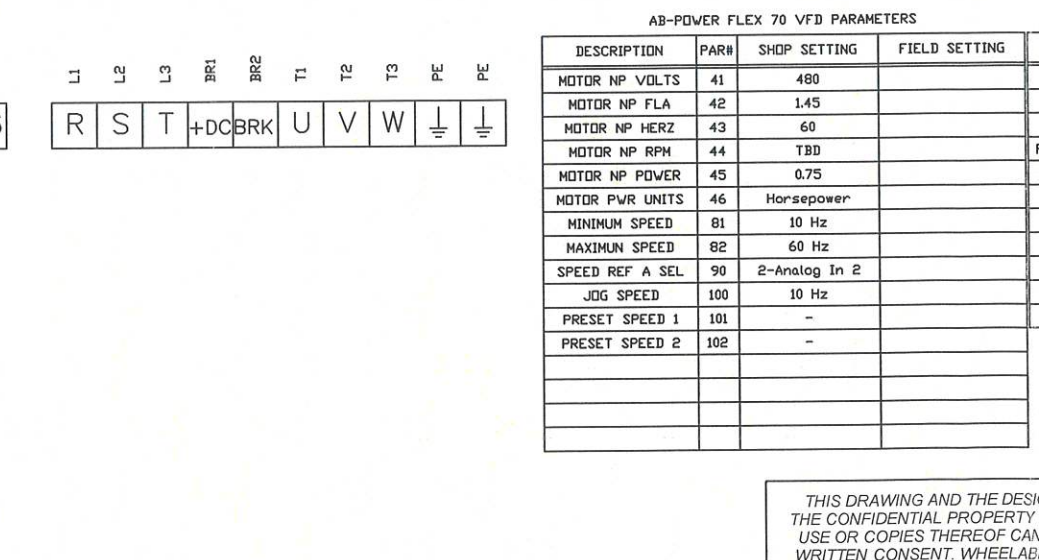
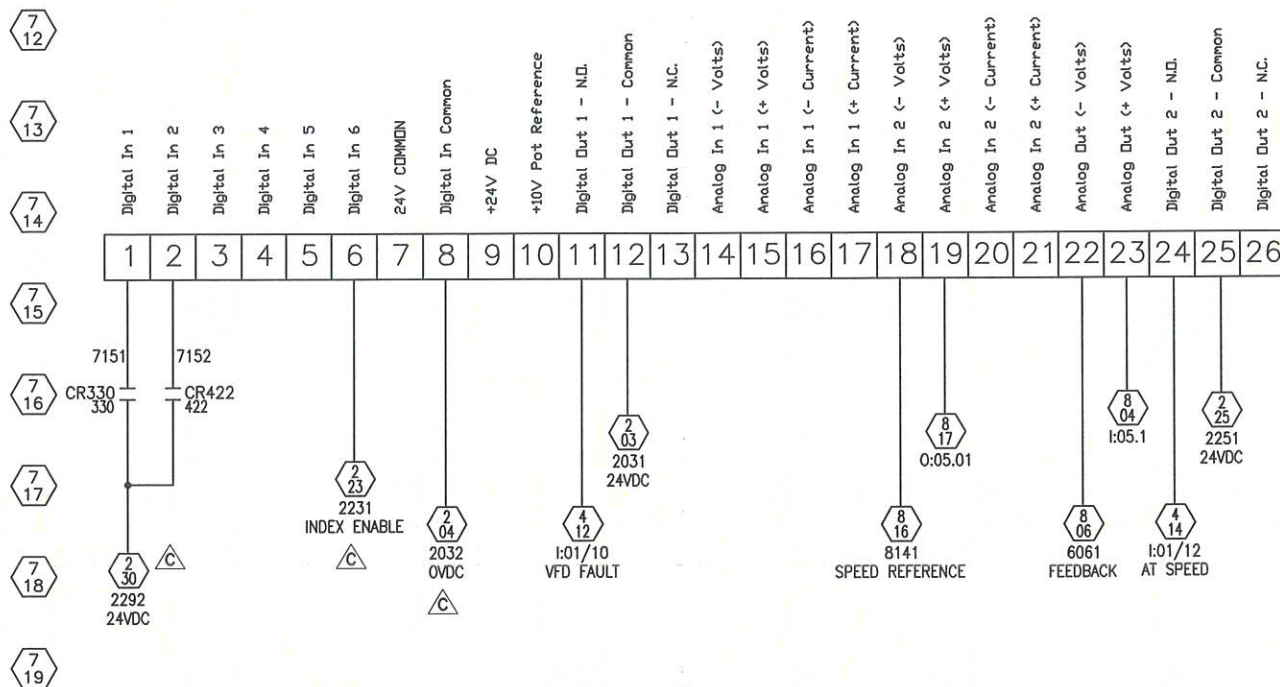


AB-POWER FLEX 70 VFD PARAMETERS

DESCRIPTION	PAR#	SHOP SETTING	FIELD SETTING	DESCRIPTION	PAR#	SHOP SETTING	FIELD SETTING
MOTOR NP VOLTS	41	480		ACCEL TIME 1	140	0 Sec	
MOTOR NP FLA	42	1.45		DECEL TIME 1	142	0 Sec	
MOTOR NP HERZ	43	60		STOP MODE A	155	1 - "Ramp"	
MOTOR NP RPM	44	TBD		PARAM ACCESS LVL	196	0 - "Basic"	
MOTOR NP POWER	45	0.75		DPI PORT SELECT	274	0 - "Not Used"	
MOTOR PWR UNITS	46	Horsepower		DIGITAL IN 1 SEL	361	8 - Run Fwd	
MINIMUM SPEED	81	10 Hz		DIGITAL IN 2 SEL	362	9-Run Rev	
MAXIMUM SPEED	82	60 Hz		DIGITAL IN 3 SEL	363	0 - Not Used	
SPEED REF A SEL	90	2-Analog In 2		DIGITAL IN 4 SEL	364	0 - Not Used	
JOG SPEED	100	10 Hz		DIGITAL Out 1	380	1-Fault	
PRESET SPEED 1	101	-		DIGITAL Out 2	384	9-At speed	
PRESET SPEED 2	102	-					

** NOTE: Hardware Enable Circuitry
1. Remove the J10 Enable Jumper
2. Wire Enable Signal to Digital In 6
3. Set Parameter 366 to 1 - "Enable"

WORK SPINNER VFD
1 HP POWERFLEX 70 VFD
FD127



AB-POWER FLEX 70 VFD PARAMETERS

DESCRIPTION	PAR#	SHOP SETTING	FIELD SETTING	DESCRIPTION	PAR#	SHOP SETTING	FIELD SETTING
MOTOR NP VOLTS	41	480		ACCEL TIME 1	140	0 Sec	
MOTOR NP FLA	42	1.45		DECEL TIME 1	142	0 Sec	
MOTOR NP HERZ	43	60		STOP MODE A	155	1 - "Ramp"	
MOTOR NP RPM	44	TBD		PARAM ACCESS LVL	196	0 - "Basic"	
MOTOR NP POWER	45	0.75		DPI PORT SELECT	274	0 - "Not Used"	
MOTOR PWR UNITS	46	Horsepower		DIGITAL IN 1 SEL	361	8 - Run Fwd	
MINIMUM SPEED	81	10 Hz		DIGITAL IN 2 SEL	362	9-Run Rev	
MAXIMUM SPEED	82	60 Hz		DIGITAL IN 3 SEL	363	0 - Not Used	
SPEED REF A SEL	90	2-Analog In 2		DIGITAL IN 4 SEL	364	0 - Not Used	
JOG SPEED	100	10 Hz		DIGITAL Out 1	380	1-Fault	
PRESET SPEED 1	101	-		DIGITAL Out 2	384	9-At speed	
PRESET SPEED 2	102	-					

** NOTE: Hardware Enable Circuitry
1. Remove the J10 Enable Jumper
2. Wire Enable Signal to Digital In 6
3. Set Parameter 366 to 1 - "Enable"

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C	01/06/11	VFD CONNECTION & LIGHT CURTAIN INTERLOCK UPDATE	CE
A	05/17/07	ADDED VFD, PLC I/O, AND UPDATED I/O WIRING	GF
REV	DATE	DESCRIPTION	BY

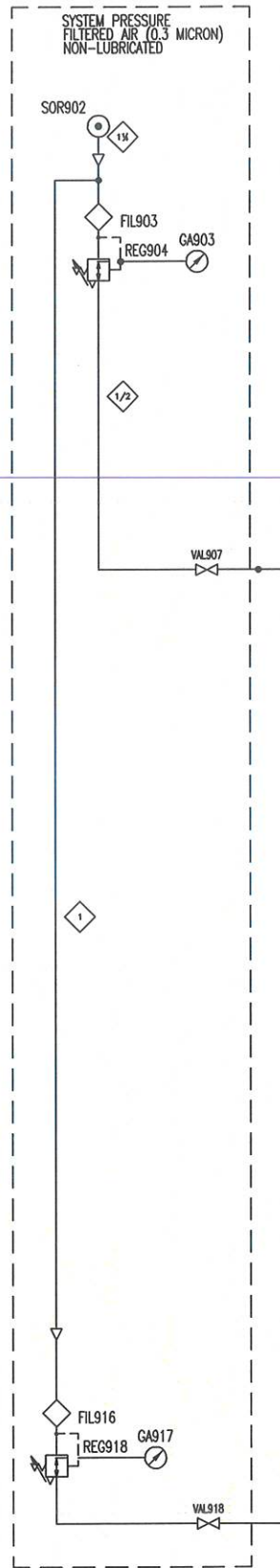
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ELECTRICAL CONTROL PANELS
FREQUENCY SCHEMATIC #2
J3429 LEUPOLD & STEVENS

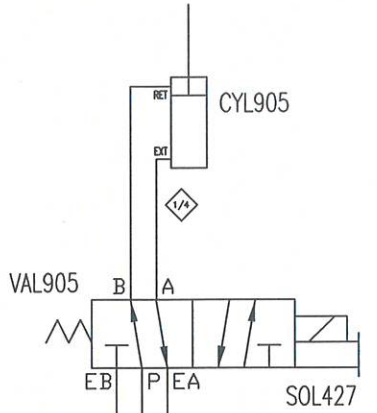
DATE	NOV 17 2010	DRAWN	ENGERC	COPY OF	-
GROUP	96	SCALE	FULL	DRAWING NO	A3-51410
				REV	C
				WEIGHT	-

- 9 01
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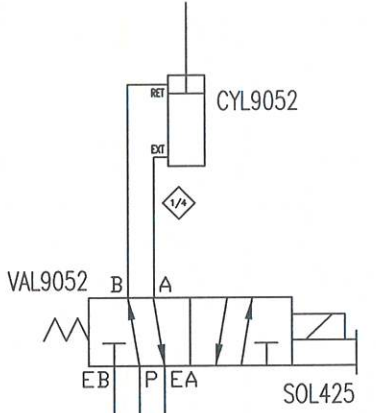
SUPPLIED BY CUSTOMER



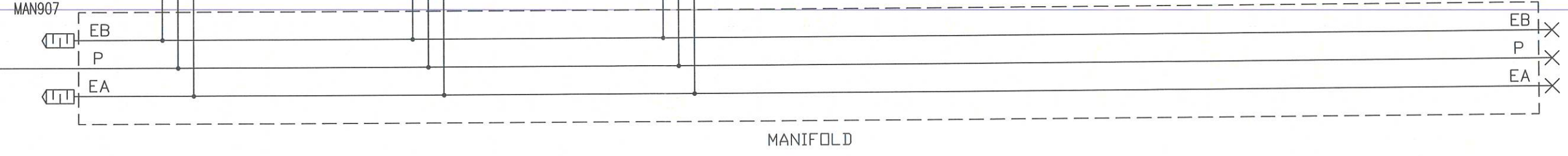
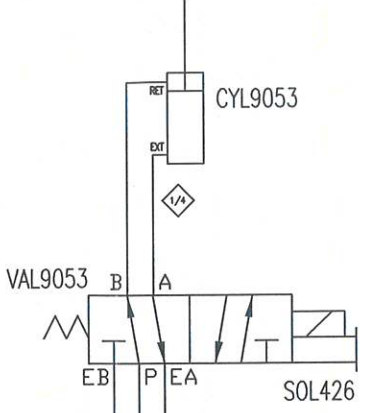
ADDER HOPPER
ABRASIVE VALVE



UPPER WHEEL
ABRASIVE VALVE



LOWER WHEEL
ABRASIVE VALVE



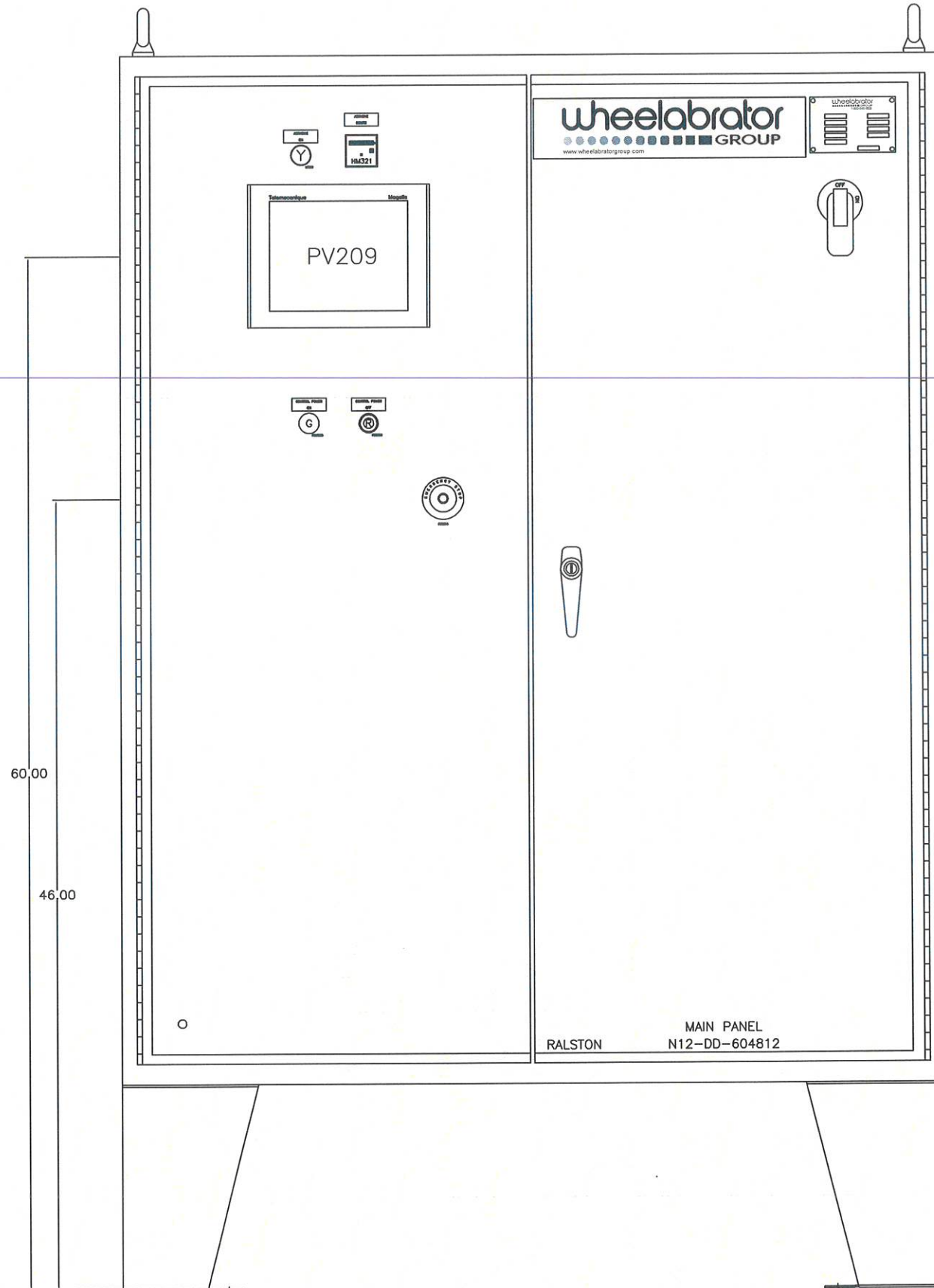
DUST COLLECTOR
MULTI-PORT MANIFOLD
MIN 80 P.S.I. LINE PRESSURE

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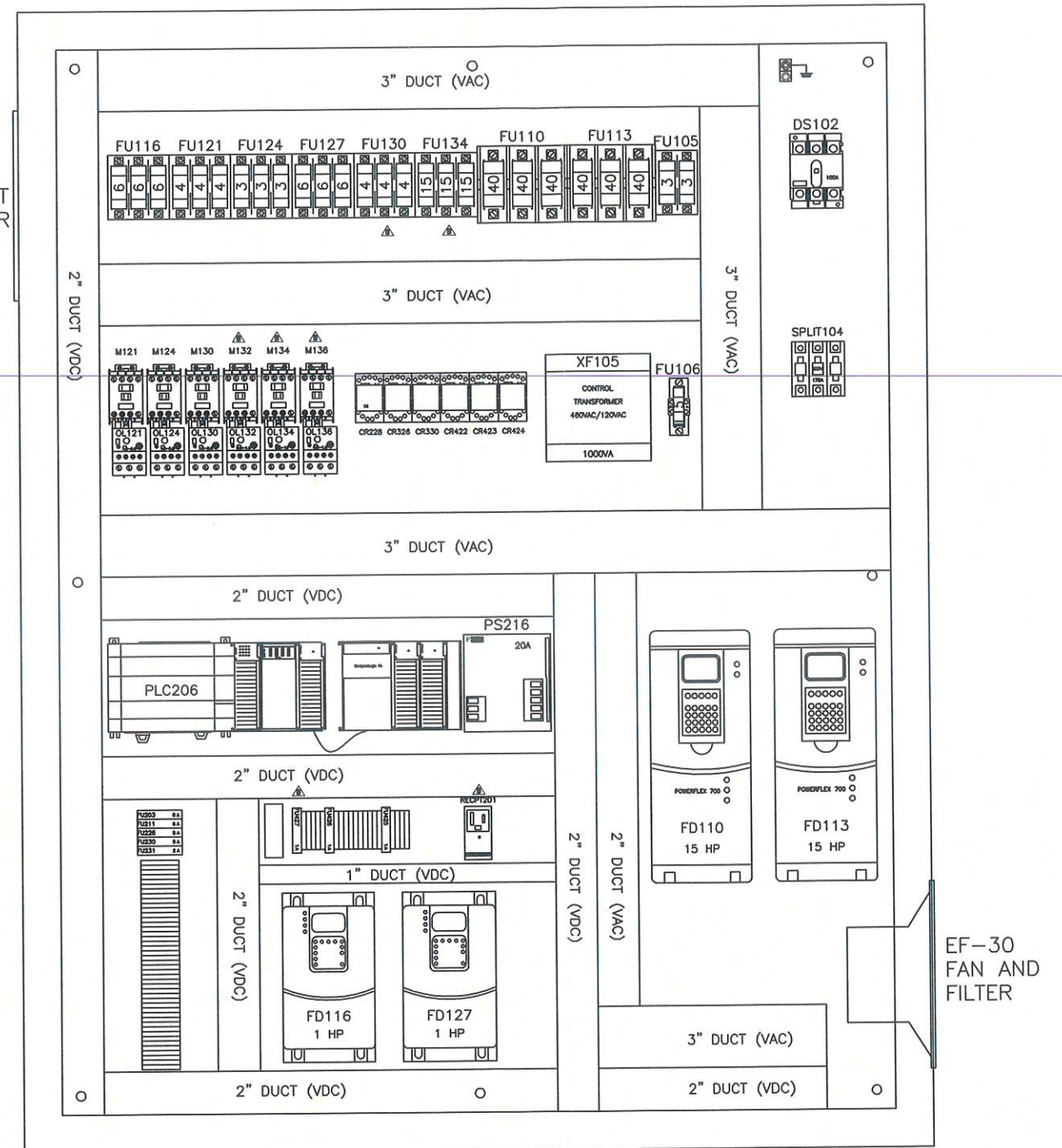


AS BUILT	ELECTRICAL CONTROL PANELS PNEUMATIC SCHEMATIC J3429 LEUPOLD & STEVENS		DATE NOV 17 2010	DRAWN ENGERC	COPY OF -
	GROUP 96	SCALE FULL	DRAWING NO A3-51411	REV C	WEIGHT -

REV	DATE	DESCRIPTION	BY



EXHAUST FILTER



EF-30 FAN AND FILTER

REV	DATE	DESCRIPTION	BY
C	01/06/11	VFD CONNECTION & LIGHT CURTAIN INTERLOCK UPDATE	CE
B	11/17/10	DUST COL., ROTARY VALVE, CLASSIFIER, ZEROSPEEDS ADDED	CE

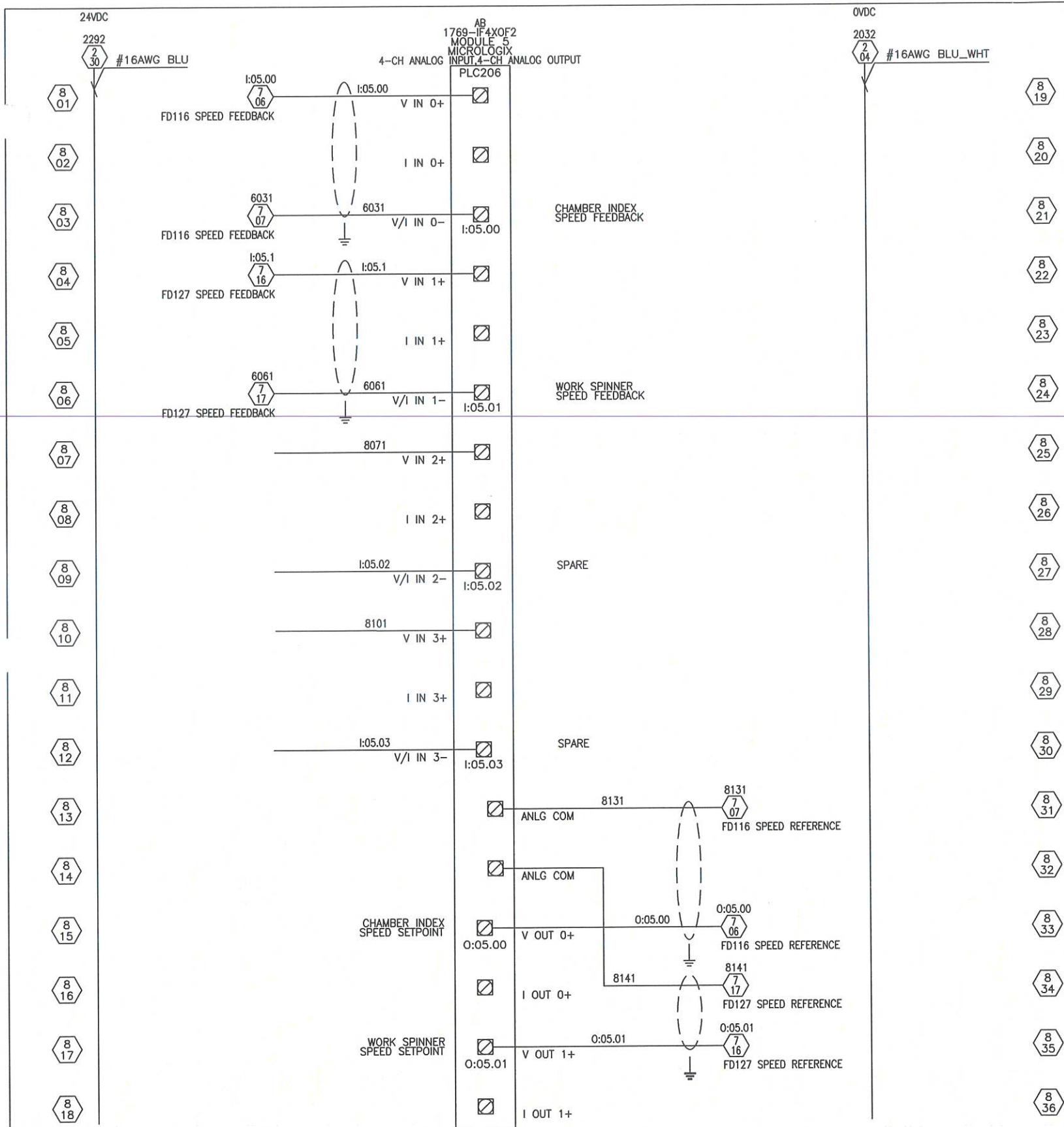
AS BUILT

ELECTRICAL CONTROL PANELS
MAIN PANEL LAYOUT
J3429 LEUPOLD & STEVENS

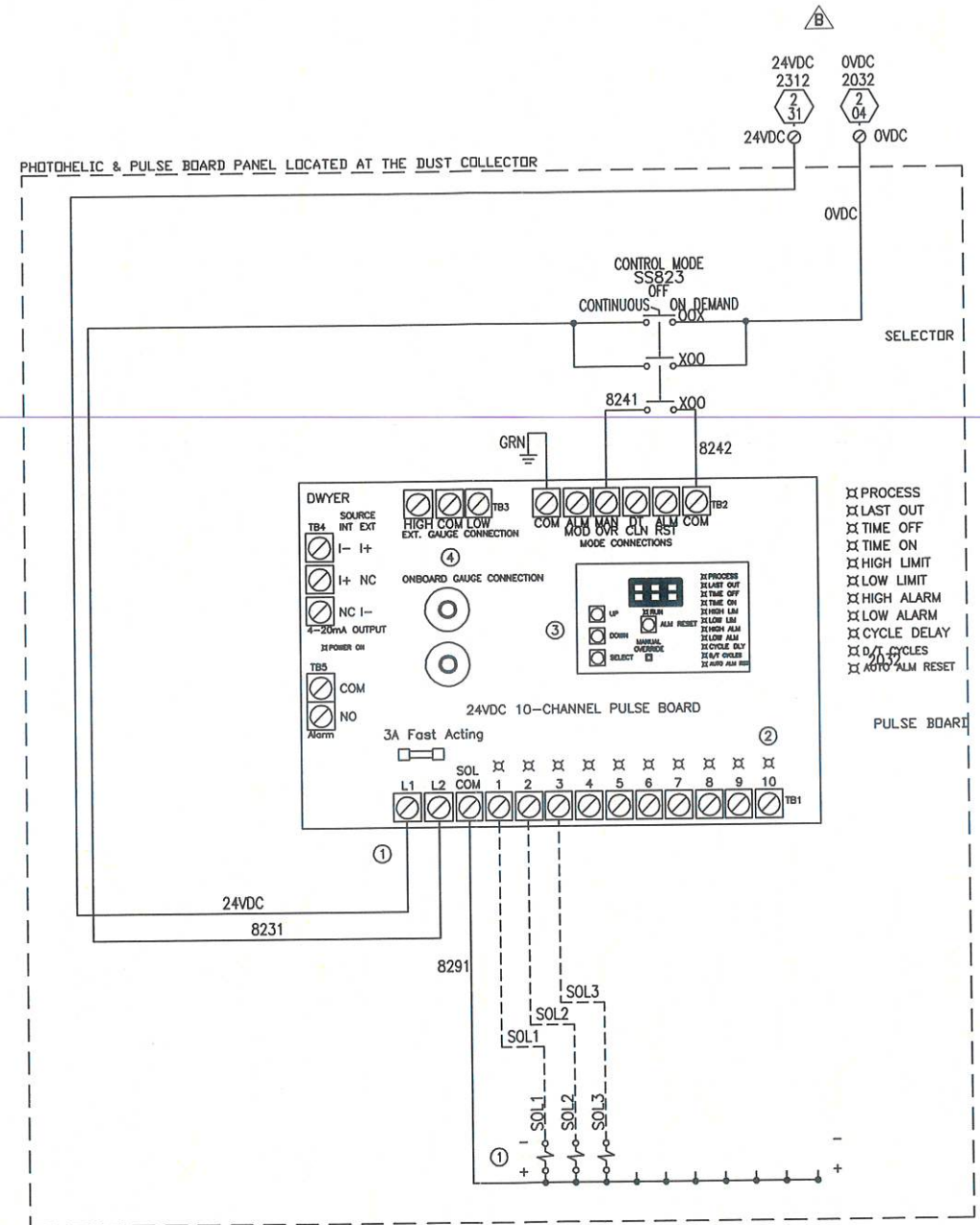
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NOV 17 2010	FULL	A3-51412	C	-
GROUP	SCALE	DRAWING NO	REV	WEIGHT
96	FULL	A3-51412	C	-

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10-CHANNEL PULSE BOARD AND PHOTOHELIC CONNECTION FOR DUST COLLECTOR



- NOTES:**
- ALWAYS ON 24VDC & 0VDC IS REQUIRED ON TIMERBOARD AND THE SOLENOID COMMON IS INTERNAL. WIRE ALL SOLENOID "+" CONNECTIONS TO THE COM OF BOARD AND CONNECT THE SOLENOID "-" TO THE SOLENOID OUTPUT TERMINAL. DO NOT CONNECT AN INDEPENDENT COMMON TO THE BOARD "COM"
 - WIRING DIRECTLY FROM PULSE BOARD OUTPUTS TO DUST COLLECTOR SOLENOIDS.
 - CONFIGURE SETUP TO THE QUANTITY OF VALVES USED AND TIME DELAYS ON/OFF FOR PULSES
 - HIGH SET POINT:** WHEN GAUGE REACHES HIGH SET POINT, PULSE BOARD STARTS PULSING (CLEANING) EACH SOLENOID UP TO THE TERMINATED VALVE.
LOW SET POINT: WHEN GAUGE REACHES LOW SET POINT, PULSE BOARD CONTINUES THE CURRENT CYCLE UP TO THE TERMINATED VALVE AND THEN STOPS.

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wheelabrator
GROUP

ELECTRICAL CONTROL PANELS CONTROL SCHEMATIC #5 J3429 LEUPOLD & STEVENS		DATE NOV 17 2010	DRAWN ENGERC	COPY OF -
GROUP 96	SCALE FULL	DRAWING NO A3-51414	REV C	WEIGHT -

AS BUILT

B	11/17/10	DUST COL., ROTARY VALVE, CLASSIFIER, ZEROSPEEDS ADDED	CE
A	05/17/07	ADDED VFD, PLC I/O, AND UPDATED I/O WIRING	GF
REV	DATE	DESCRIPTION	BY