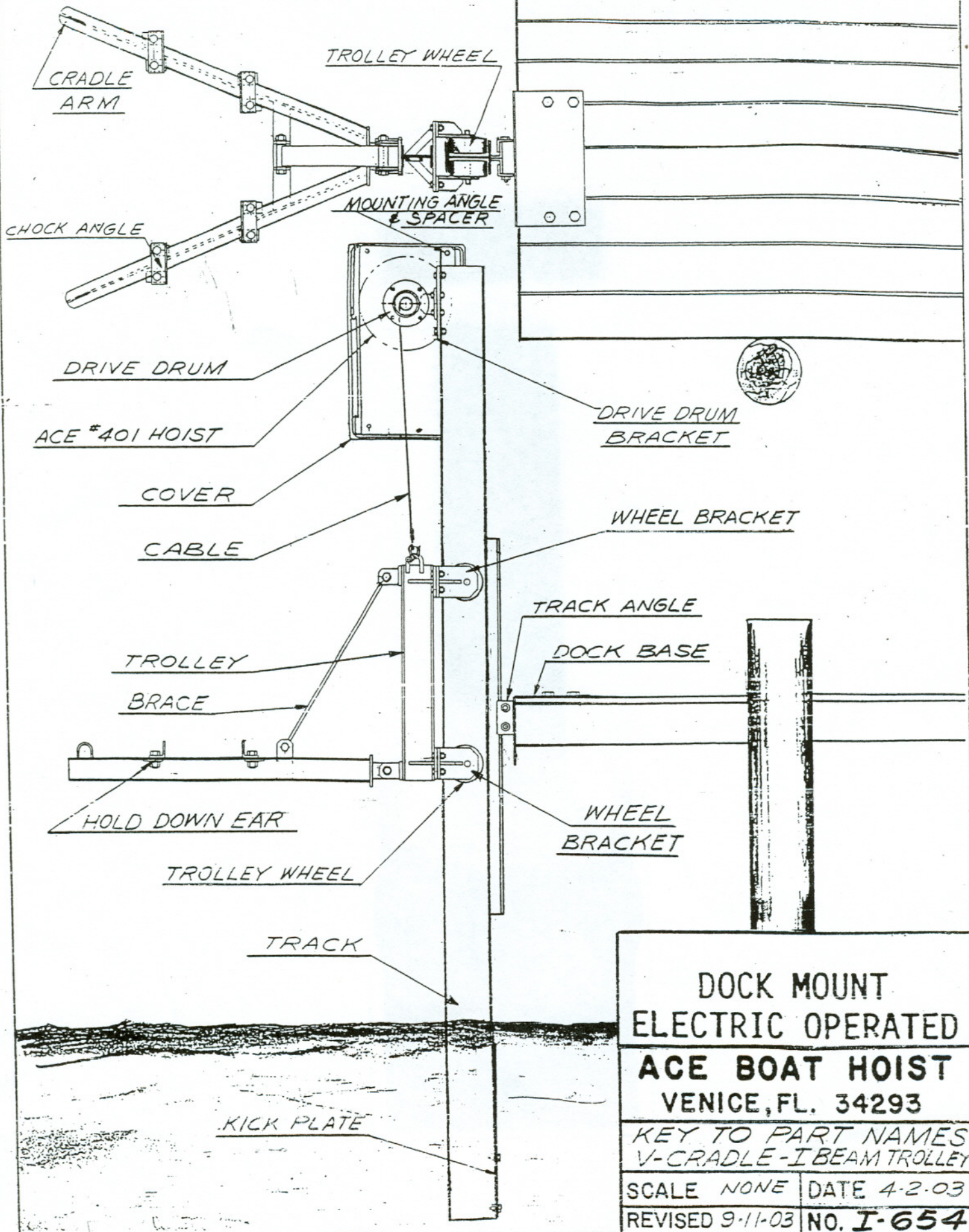


***PW15ED PERSONAL WATERCRAFT***				
ELECTRIC OPERATED DOCK MOUNT				
***PACKING LIST***				
carton				
marked	quant.	X	DESCRIPTION	PART #
	1		10' PW TRACK (12',14',16',18' or 20' OPTIONAL)	1
skid	1		TROLLEY(PW643)	2
skid	1		78" V-CRADLE for PERSONAL WATERCRAFT(PW617)	6
skid	1		PW DOCK MOUNT (PW622)	9
skid	1		KICK PLATE (24" x 24")(PW625)	12
skid	1		24 1/2" CRADLE ARM BRACE (trolley to cradle arm) (PW619)	20
skid	2		PW408 ADJUSTABLE GUIDE PIPE	
50#	1		ACE #401 PLATE & GEARS (50 lb. carton)	16
30#	1		#425WP ELECTRIC MOTOR with SWITCH & GFCI (30 lb. carton)	
101P	1		#101P PLASTIC HOIST COVER	22
101P	1		PULLEY GUARD for #101P	22
101P	1		#101P BOLT PACKAGE consisting of):	
		2	5/16" S.S. WING NUT ( bottom cover bracket to #401)	
		2	1/4" x 3/4" S.S. MACHINE SCREW ( pulley guard to #101P)	
		2	1/4" S.S. HEX NUT ( pulley guard to #101P)	
		2	1/4" S.S. WING NUT ( pulley guard to #101P)	
		2	TOP COVER BRACKETS ( flatwsher with pin)	
		1	BOTTOM COVER BRACKET ( flatplate with pins)	
P-1	4		WHEEL BRACKETS (PW644)	3
P-1	4		5" TROLLEY WHEELS	4
P-1	4		PW CHOCK ANGLE ( 5" LONG )(PW624)	7
P-1	1		1/4" x 12' Stainless Steel Cable with 7/16" SHACKLE	14
P-1	1		#241N DRIVE DRUM (4"spool)	17
P-1	1		#422 ADAPTER SLEEVE (#401 to #241N)	17
P-1	1		DRIVE DRUM BRACKET (drive drum to track)	19
P-1	1		#401 MOUNTING ANGLE(#401 to drive drum)	18
P-1	2		VH408 VERTI GUIDE PIPE	
P-1	1		BOLT PACKAGE "A" (TROLLEY ASSEMBLY)	
P-1	1		BOLT PACKAGE "B" (CRADLE ASSEMBLY)	
P-1	1		BOLT PACKAGE "D" (for #401 MOUNTING)	
P-1	1		BOLT PACKAGE "G" ( KICK PLATE to TRACK )	
P-1	1		BOLT PACKAGE "H" (SEAWALL or DOCK MOUNT ASSEMBLY)	
P-1	1		BOLT PACKAGE "I" (chock brackets to I Beam)	
P-1	1		BOLT PACKAGE "J" (adjustable guide pipe to I Beam)	
ITEMS REQUIRED TO COMPLETE INSTALLATON:				
			BOLTS to ATTACH LIFT to DOCK	
			WOOD CHOCK BOARDS to FIT HULL    BOLTS to ATTACH CHOCK BOARDS	
<b>CONSIDERATIONS FOR ELECTRICAL REQUIREMENTS MUST BE PROVIDED.</b>				
<b>WE STRONGLY RECOMMEND INSTALLATION BY QUALIFIED PROFESSIONALS</b>				
<b>TO MEET LOCAL AND NATIONAL CODES.</b>				

		***BOLT PACKAGE FOR PW LIFT***	I-615
QTY		DESCRIPTION	
<b>BOLT PACKAGE "A" (TROLLEY ASSEMBLY)</b>			<b>ITEM#</b>
8		1/2" x 1-1/2" A325 HDG BOLT ( wheel bracket to trolley)	25
8		1/2" 2H HDG HEX NUT ( use with 1/2" bolt)	
8		1/2" HDG LOCKWASHER ( use with 1/2" bolt)	
<b>BOLT PACKAGE "B" (CRADLE ASSEMBLY)</b>			
1		5/8" x 5-1/2" HDG BOLT( cradle to trolley)	26
2		5/8" x 5" HDG BOLT (brace to cradle & trolley)	28
3		5/8" HDG HEX NUT ( use with 5/8" bolt)	
3		5/8" HDG LOCKWASHER ( use with 5/8" bolt)	
8		1/2" x 1-1/2" HDG BOLT( chock angles & pw tabs to v-cradle)	31
8		1/2" HDG HEX NUT ( use with 1 1/2" bolt)	
8		1/2" HDG LOCKWASHER ( use with 1 1/2" bolt)	
8		HOLD DOWN EAR (chock angles to v-cradle)	15
<b>BOLT PACKAGE "D" (401 MOUNTING)</b>			
2		1/2" x 2-1/4" A-325 BOLT ( drive drum to track & plate)	30
6		1/2" x 1-1/2" A-325 BOLT( drive to track & plate)	31
1		1/2" x 4" HDG BOLT(top cover bracket & #401 angle)	29
1		1/2" x 1" S.S. BOLT & NUT ( top cover bracket to #401)	32
8		1/2" HDG 2H HEX NUT (use with A325 bolt)	
1		1/2" HDG HEX NUT ( use with 1" & 4" bolt)	
9		1/2" HDG LOCKWASHER ( use with A325 & 4" bolt)	
1		3/4" GALV. SPACER PIPE - 2" long (#401 to mounting angle)	21
3		1/2" HDG FLATWASHER (additional spacing for spacer pipe)	
1		3/16" CABLE CLAMP (cable to drive drum)	
<b>BOLT PACKAGE "G" (KICK PLATE TO TRACK)</b>			
4		1/2" x 1-1/2" BOLT ( kick plate to track)	31
4		1/2" HDG HEX NUT ( use with 1 1/2" bolt)	
4		1/2" HDG LOCKWASHER ( use with 1 1/2" bolt)	
<b>BOLT PACKAGE "H" (DOCK MOUNT or SEAWALL MOUNT &amp; SQUARE PILING)</b>			
2		TWO HOLE TRACK ANGLES	13
2		5/8" x 5-1/2" HDG BOLT (dock or sewall mount to track)	26
2		5/8" HDG HEX NUT ( use with 5/8" bolt)	
2		5/8" HDG LOCKWASHER ( use with 5/8" bolt)	
<b>BOLT PACKAGE "I" (chocks to I Beam)</b>			
8		verti lift guide pipe ears	
8		1/2" x 1-1/2" BOLT (CHOCK BRACKETS TO I BEAM)	
8		1/2" HDG HEX NUT(CHOCK BRACKETS TO I BEAM)	
8		1/2" HDG LOCKWASHER (CHOCK BRACKETS TO I BEAM)	
<b>BOLT PACKAGE "J" (GUIDE PIPES TO I BEAM)</b>			
4		verti lift guide pipe ears	
12		1/2" x 1-1/2" BOLT (GUIDE PIPE TO I BEAM)	
4		1/2" HDG HEX NUT(GUIDE PIPE TO I BEAM)	
4		1/2" HDG LOCKWASHER (GUIDE PIPE TO I BEAM)	



**DOCK MOUNT  
ELECTRIC OPERATED  
ACE BOAT HOIST  
VENICE, FL. 34293**

KEY TO PART NAMES  
V-CRADLE-I BEAM TROLLEY

SCALE NONE DATE 4-2-03

REVISED 9-11-03 NO. I-654