

BILL OF MATERIAL				
ITEM NO.	PART NUMBER	QTY	DESCRIPTION	UNIT WEIGHT
54	2753446	4	HOSE ASSY	2.30
55	2221162	1	ADP 90	
56	2221299	2	ADP STR	.25
63	0641412	4	BOLT, HEX .25 X 1.5	
64	3272000	4	NUT HEX , .25	
65	4761400	4	LOCKWASHER, .25	
66	4711500	4	FLATWASHER, .31	
67	4800115-003	1	CONS/PED HARNESS	
68	4460206	4	SPADE TERMINAL	
70	3760213	2	RETAINING RING	
71	4000072-001	1	HYDRAULIC MOTOR	
72	30201-00152	1	O-RING	
73	0641810	2	HEX BOLT	
74	4751900	2	FLAT WASHER	

BILL OF MATERIAL					REVISIONS
ITEM NO.	PART NUMBER	QTY	DESCRIPTION	UNIT WEIGHT	EN 00-0011 07 JW 11-15
1	4845977	1	PEDESTAL WELDMENT		#2 WAS
2	5000429-007	1	TORQUE ROD	2.55	5000429-008
3	4711800	1	.50 S.A.E FLATWASHER	0.02	#10 WAS 0642216
4	3440620	1	PIN, SLOTTED SPRING	0.01	#27 WAS 0642022
5	5000431-001	1	LEVER ARM	0.60	#29 WAS 3272005
6	3272001	59	NUT, HEX .625	0.07	#42 WAS QTY 1
7	4892000	64	FLATWASHER, .625	0.03	ADDED #43
8	0641507	13	BOLT HEX .312	0.02	#54 WAS QTY 2
10	0642218	4	BOLT HEX .750	0.35	#44 WAS 2221162
11	4761500	17	LOCKWASHER .312	0.01	#50 WAS 2753443
12	4711500	10	FLATWASHER .312	0.01	#68 WAS 4800088.103
13	3932282	57	BOLT, SCKTHD .625	0.40	DELETED # 9, 57,58,59
14	3932048	3	BOLT, SCKTHD .625	0.30	60, 61, 62 & 69
15	4000050-007	1	ROTATION BEARING	225.0	55 WAS 2753447
16	4900089-001	1	MOTOR VALVE	4.00	56 WAS 2220967
17	5000423-001	1	SWING GUARD	13.30	
18	2780354	1	GEAR REDUCER ASS'Y		
19	4892200	4	FLATWASHER .750	0.05	
20	2220612	2	ADP 90° MNPT/MJIC	0.05	
21	2221284	1	ADP STR BLKHD M/F JIC	0.10	
22	2220992	1	ADP TEE FJIC/MJIC	0.10	
23	2753438	2	HOSE ASSY 1/4" JIC	1.00	
24	2160001	1	90° GREASE FITTING	0.05	
25	4000546-001	1	DECAL LUBE FTG	0.01	
26	4240033	2	TIE WRAP	0.01	
27	0682022	1	BOLT HEX .625	0.29	
28	4762000	2	LOCKWASHER .625	0.03	
29	3312005	1	LOCKNUT .625	0.07	
30	3932032	2	BOLT, SCKTHD .625	0.23	
31	5000430-001	1	LEVER, SWING STOP	0.17	
32	4845979	1	TURRET WELDMENT	433.5	
33	0257743	1	CTL CONSOLE ASS'Y		
34	0641508	4	BOLT 0.31Ø UNC X1"	0.02	
35	3271501	5	HEX NUT 0.31Ø UNC	0.01	
36	3430410	1	CLEVIS PIN	0.02	
37	4711400	1	FLATWASHER 0.25Ø	0.01	
38	3450202	1	COTTER PIN	0.01	
39	0641512	3	BOLT 0.31Ø UNCX1.5"	0.02	
40	0642012	2	BOLT 0.62Ø UNCX1.5"	0.21	
41	3422833	2	PIN	21.9	
42	2221167	2	ORS/SAE ADAPTER	0.10	
43	4845989	1	SWING DRIVE COVER		
44	0182061	1	ATTACH ANGLE		
45	2753440	2	HOSE ASS'Y.	1.40	
46	2753441	1	HOSE ASS'Y.	0.80	
47	2220957	2	ORS/SAE ADAPTER	0.10	
48	2820036	5'	LOOM 1/2"		
49	2753442	2	HOSE ASSEMBLY	9.70	
50	3571482	2	CONSOLE SPACER		
51	2753444	2	HOSE ASSY	5.60	
52	2753445	2	HOSE ASSEMBLY	5.00	
53	4000168-400	3'	VINYL TRIM	.20	

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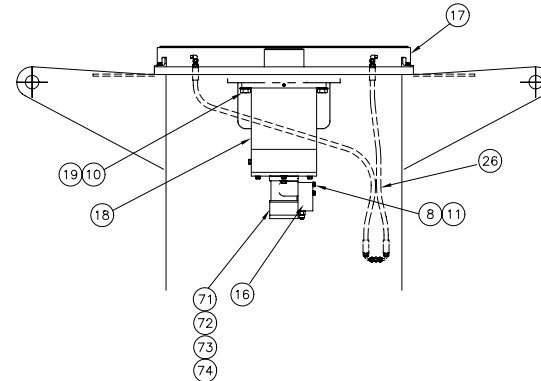
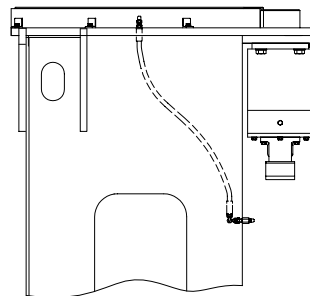
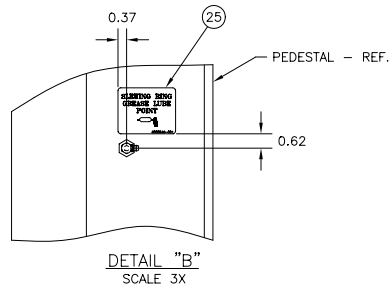
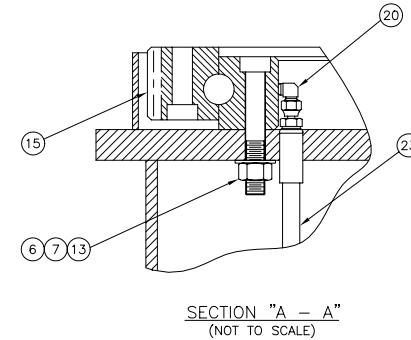
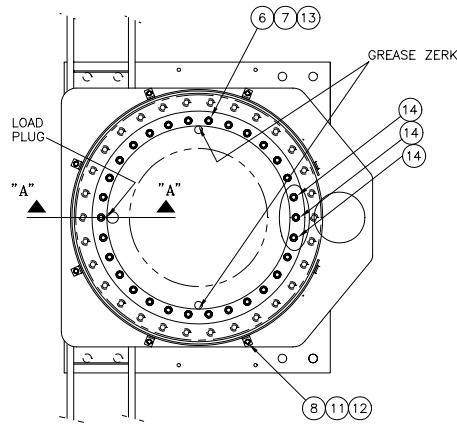
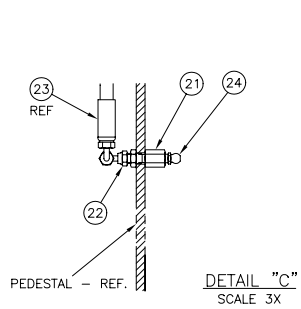
USTC *Incorporated* A **Raytheon** Company

76 BOUMAN ROAD - YDRK, PA. 17404-9804

DRAWN BY: J.WOOD	DATE: 6-26-00	ASSOC. DRAWING
SCALE:	WEIGHT:	PROJECT:
MATERIAL:	THIRD ANGLE	ER NO. 302461
TITLE: PEDESTAL ASSEMBLY	APPLIES U. D. S.	REV. A 1 SHT 5
		DRAWING NUMBER: 0257730

SPECIFICATIONS	
1. TORQUE ALL ITEMS DESIGNATED WITHIN A PER USTC TORQUE SPECS SPECIFIED ON THE B.O.M.	
2. ALL STRUCTURAL WELDING TO CONFORM TO APPLICABLE STRUCTURAL WELDING CODES.	
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.	

DIMENSIONAL TOLERANCES				
UNLESS OTHERWISE SPECIFIED				
DIMENSIONS	0 TO 24"	24" TO 72"	72" TO 300"	> 300"
FRACTIONAL	+/- 1/16"	+/- 1/16"	+/- 1/8"	+/- 1/4"
DECIMAL	+/- .010"	+/- .009"	+/- .009"	+/- .009"
ANGLES	+/- 2 DEGREES			
SURFACE FINISH SPECIFIED WITH $\sqrt{\quad}$ = 125 MICRD INCHES R _a MAX.				

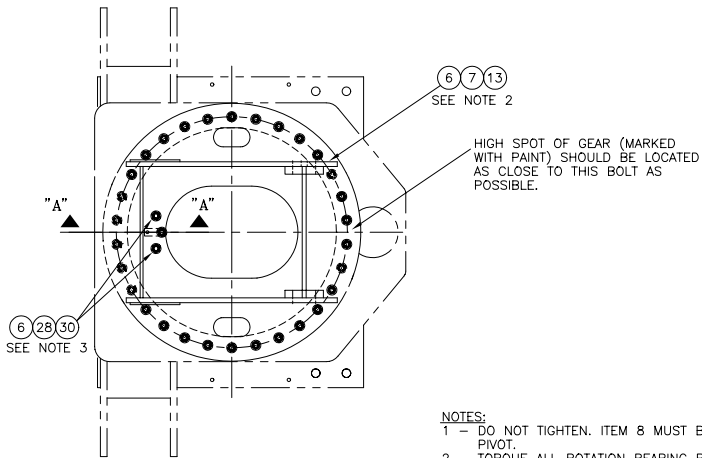
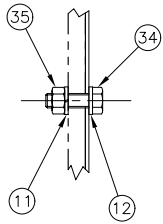


NOTES:

- 1 - POSITION THE ROTATION BEARING INNER RING LOCATING THE GREASE ZERKS DIRECTLY ABOVE THE PEDESTAL HOLES PROVIDED AND THE LOADING PLUG TOWARD THE CAB (180° FROM THE PINION).
- 2 - INSTALL THE GEAR REDUCER WITH ECCENTRIC RING, DO NOT TIGHTEN HARDWARE. POSITION THE ECCENTRIC RING AT THE MIDDLE OF IT'S ADJUSTMENT.
- 3 - PUSH THE ROTATION BEARING TOWARD THE GEAR REDUCER SO THERE IS NO BACKLASH BETWEEN THE ROTATION BEARING GEAR AND THE GEAR REDUCER PINION.
- 4 - REMOVE GEAR REDUCER.
- 5 - TORQUE THE ROTATION BEARING NUTS TO 100 FT-LBS THEN RETORQUE TO 170 FT LBS.
- 6 - REINSTALL THE GEAR REDUCER. DO NOT TIGHTEN THE MOUNTING BOLTS.
- 7 - ROTATE THE OUTER RING SO THE HIGH SPOT OF OF THE ROTATION BEARING GEAR (MARKED WITH PAINT) IS IN MESH WITH THE GEAR REDUCER PINION.
- 8 - ROTATE THE ECCENTRIC RING UNTIL THERE IS NO BACKLASH BETWEEN THE ROTATION BEARING GEAR AND THE GEAR REDUCER PINION.
- 9 - TORQUE THE GEAR REDUCER MOUNTING BOLTS TO 200 FT-LBS.

SPECIFICATIONS		DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED				
1. TORQUE ALL ITEMS DESIGNATED WITHIN A PER USTC TORQUE SPECS SPECIFIED ON THE B.D.M.		DIMENSIONS	0 TO 24"	24" TO 72"	72" TO 300"	> 300"
2. ALL STRUCTURAL WELDING TO CONFORM TO APPLICABLE STRUCTURAL WELDING CODES.		FRACTIONAL	+/- 1/16"	+/- 1/16"	+/- 1/8"	+/- 1/4"
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.		DECIMAL	+/- .010"	+/- .020"	+/- .125"	+/- .25"
		ANGLES	+/- 2 DEGREES			
		SURFACE FINISH SPECIFIED WITH $\sqrt{\text{R}}$ = 125 MICRO INCHES R _a MAX.				

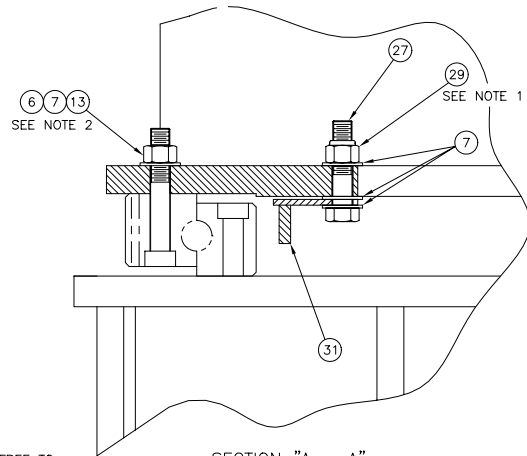
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USTC Incorporated		A Raytheon Company	
76 BOWMAN ROAD - YRKY, PA. 17404-9804		DATE: 6-26-00	
DRAWN BY: J.WOOD	ASSIC. DRAWING	PROJECT:	ER NO. 302461
SCALE:	WEIGHT:	THIRD ANGLE PROJECTION	REV. A SHEET 1 OF 5
MATERIAL:		APPROVED:	DATE: 6-26-00
TITLE: PEDESTAL ASSEMBLY			0257730



6 7 13
SEE NOTE 2

HIGH SPOT OF GEAR (MARKED WITH PAINT) SHOULD BE LOCATED AS CLOSE TO THIS BOLT AS POSSIBLE.

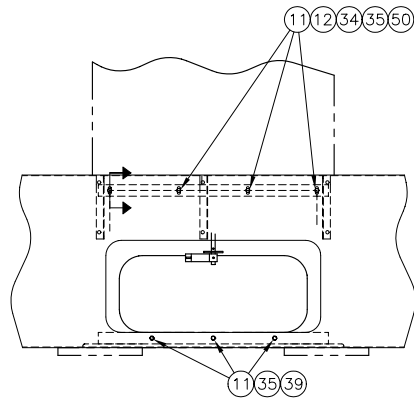
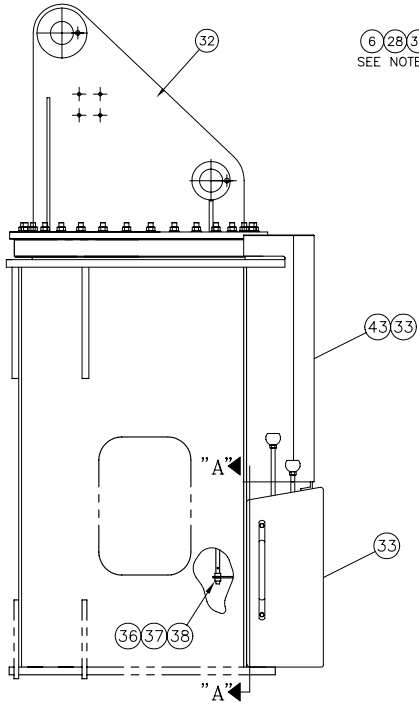
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SEE NOTE 3



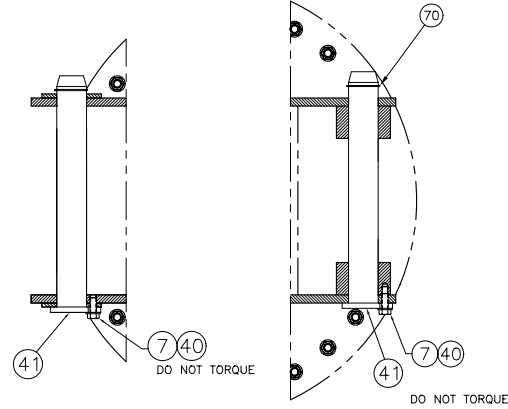
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(SCALE: 1/2"=1")

NOTES:

- 1 - DO NOT TIGHTEN. ITEM 8 MUST BE FREE TO PIVOT.
- 2 - TORQUE ALL ROTATION BEARING BOLTS, LUBRICATED TO 100 FT-LBS. RETORQUE ALL ROTATION BEARING BOLTS TO 170 FT-LBS.
- 3 - HEX. NUT AND LOCKWASHER MUST BE ON TOP.



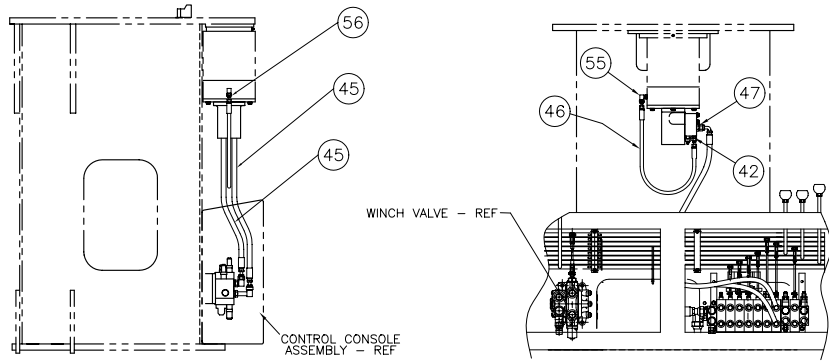
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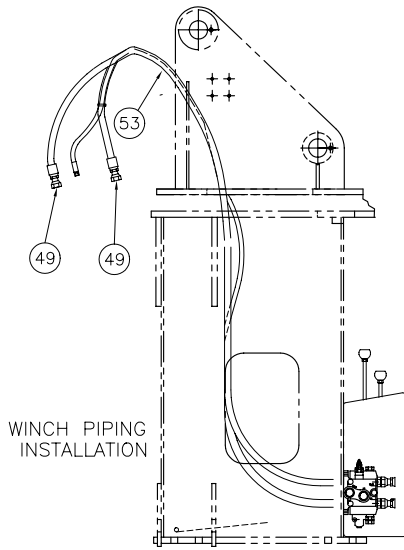
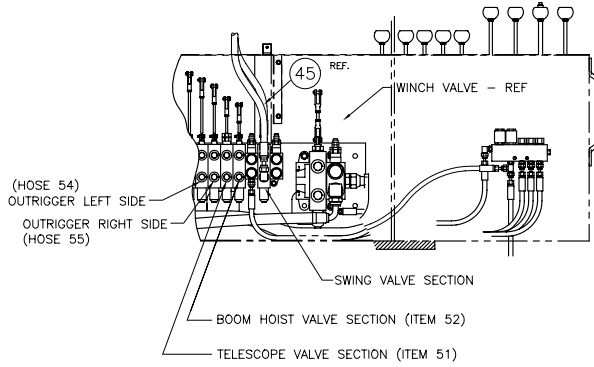
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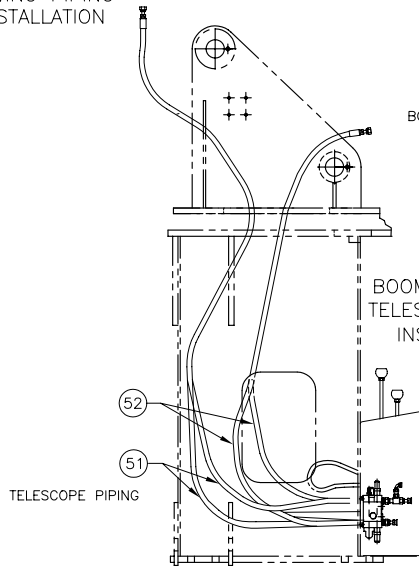
SPECIFICATIONS		DIMENSIONAL TOLERANCES BOOMLEP HINERIN SPALITION				76 BOWMAN ROAD - YRBY, PA. 17404-9804	
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2. ALL STRUCTURAL WELDING TO CONFORM TO APPLICABLE STRUCTURAL WELDING CODES.		FRACTIONAL	+/- 1/16"	+/- 1/16"	+/- 1/8"	+/- 1/4"	ASSOC. DRAWING
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.		DECIMAL	+/- .010"	+/- .020"	+/- .125"	+/- .25"	PROJECT:
		ANGLES	+/- 2 DEGREES				WEIGHT:
		SURFACE FINISH SPECIFIED WITH $\sqrt{\text{R}}$ = 125 MICRO INCHES R _a MAX.				MATERIAL:	
		TITLE: PEDESTAL ASSEMBLY				THIRD ANGLE PROJECTION	
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SWING PIPING INSTALLATION



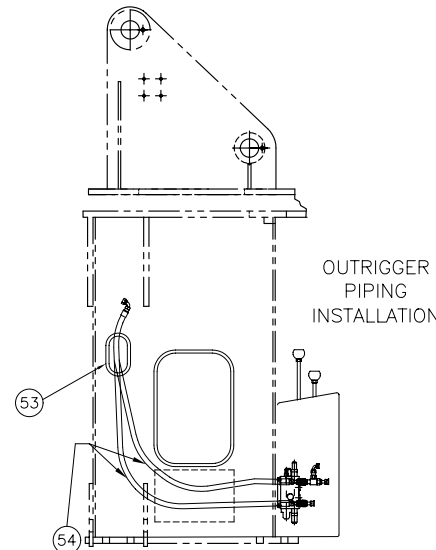
WINCH PIPING INSTALLATION



TELESCOPE PIPING

BOOM HOIST PIPING

BOOM HOIST AND TELESCOPE PIPING INSTALLATION



OUTRIGGER PIPING INSTALLATION

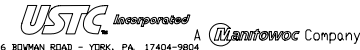
SPECIFICATIONS

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2. ALL STRUCTURAL WELDING TO CONFORM TO APPLICABLE STRUCTURAL WELDING CODES.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.

DIMENSIONAL TOLERANCES
UNLESS OTHERWISE SPECIFIED

DIMENSIONS	0 TO 24"	24" TO 72"	72" TO 300"	> 300"
FRACTIONAL	+/- 1/16"	+/- 1/16"	+/- 1/8"	+/- 1/4"
DECIMAL	+/- .010"	+/- .020"	+/- .125"	+/- .25"
ANGLES	+/- 2 DEGREES			
SURFACE FINISH SPECIFIED WITH $\sqrt{\text{R}}$ = 125 MICRO INCHES R _a MAX.				

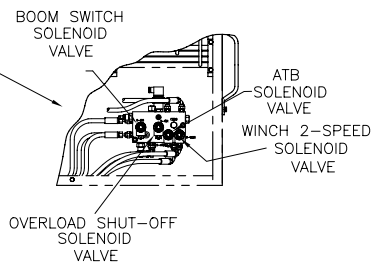
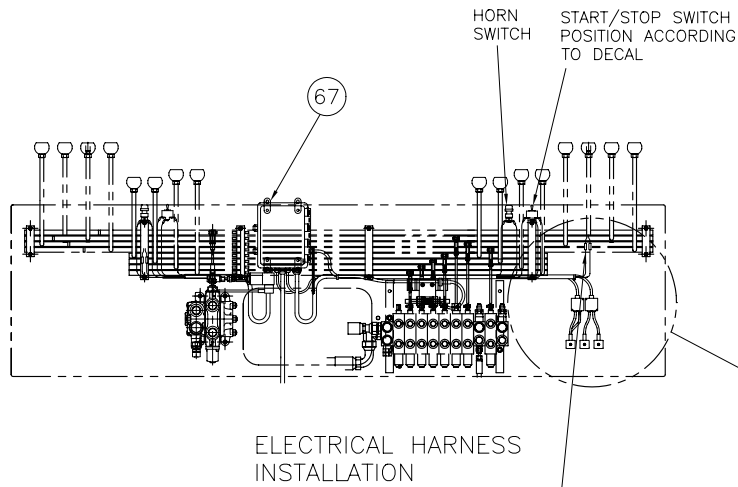
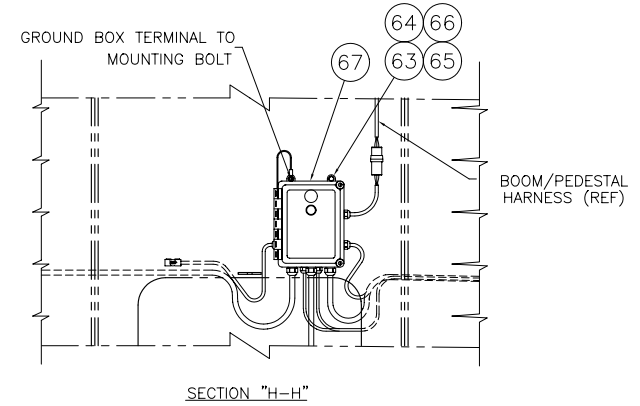
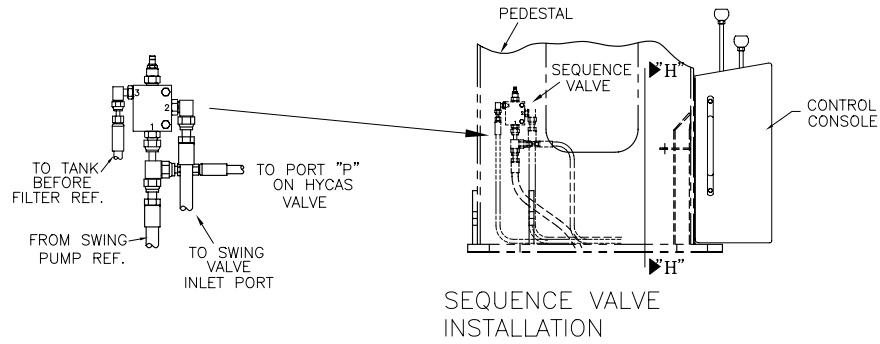
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76 BOWMAN ROAD - YRKY, PA. 17404-9804
 DRAWN BY: J.WOOD DATE: 6-26-00 ASSOC. DRAWING

PROJECT: WEIGHT: MATERIAL: TITLE: PEDESTAL ASSEMBLY

THIRD ANGLE PROJECTION
 REV. A | SHEET 4 OF 5
 PROJECT NO. 0257730



CONNECT 2-SPEED WIRES

SPECIFICATIONS	
1. TORQUE ALL ITEMS DESIGNATED WITHIN A PER UIC TORQUE SPECS SPECIFIED ON THE B.D.M.	
2. ALL STRUCTURAL WELDING TO CONFORM TO APPLICABLE STRUCTURAL WELDING CODES.	
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.	

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED	
DIMENSIONS	0 TO .24" ±.024" TO .72" ±.025" TO .300" > .300"
FRACTIONAL	+/- 1/16" +/- 1/16" +/- 1/8" +/- 1/4"
DECIMAL	+/- .010" +/- .020" +/- .125" +/- .25"
ANGLES	+/- 2 DEGREES
SURFACE FINISH SPECIFIED WITH $\sqrt{\quad}$ = 125 MICRO INCHES R _a MAX.	

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USTC Incorporated
 A **Raytheon** Company

76 BOWMAN ROAD - YRSK, PA. 17404-9804
 DRAWN BY: J.WOOD DATE: 5-23-00 ASSOC. DRAWING
 SCALE: WEIGHT: PROJECT:
 MATERIAL: THRD ANGLE PROJECTION: [REV. A] SHEET 5 OF 5
 TITLE: PEDESTAL ASSEMBLY
 PART NUMBER: 0257730