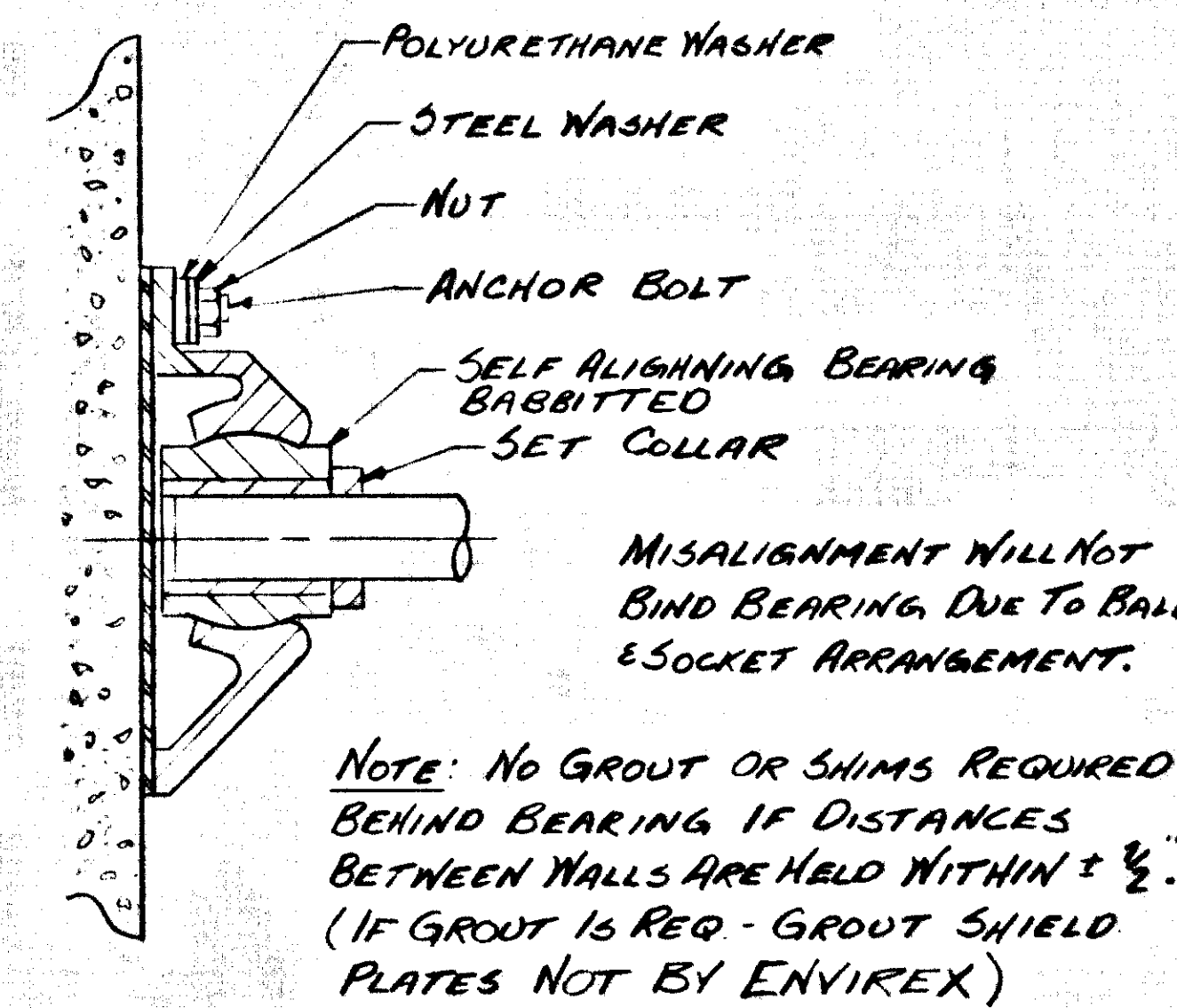
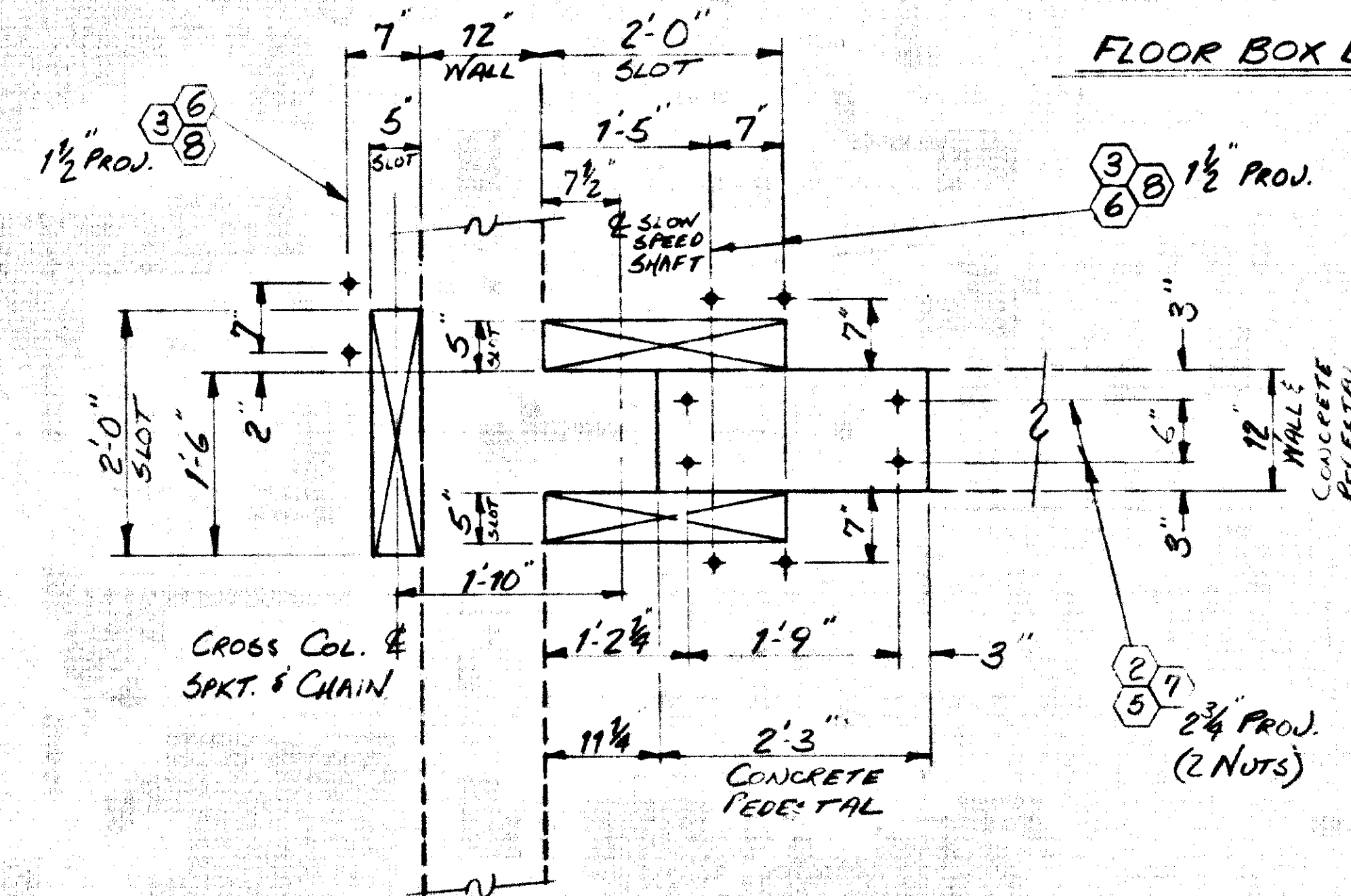
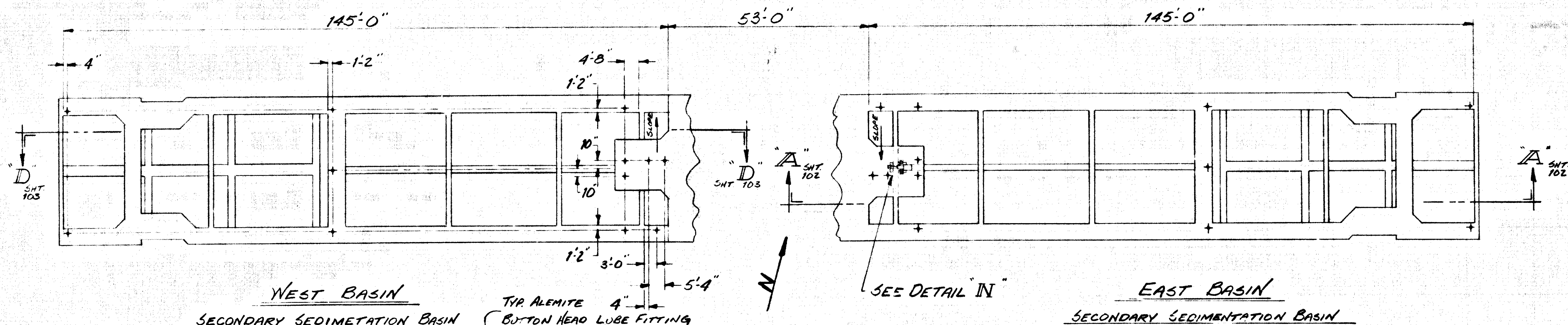
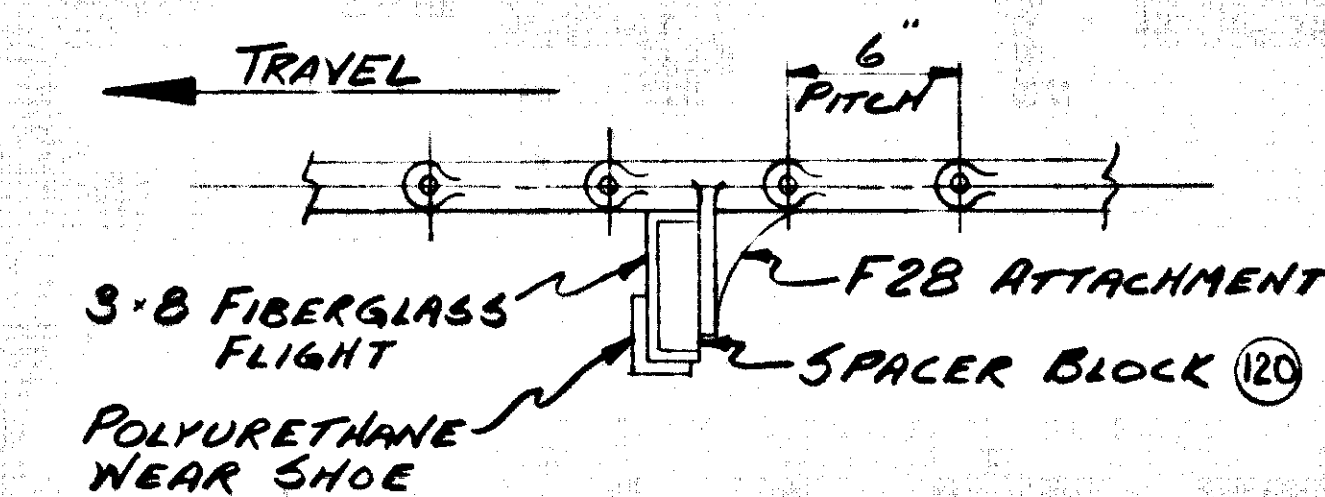
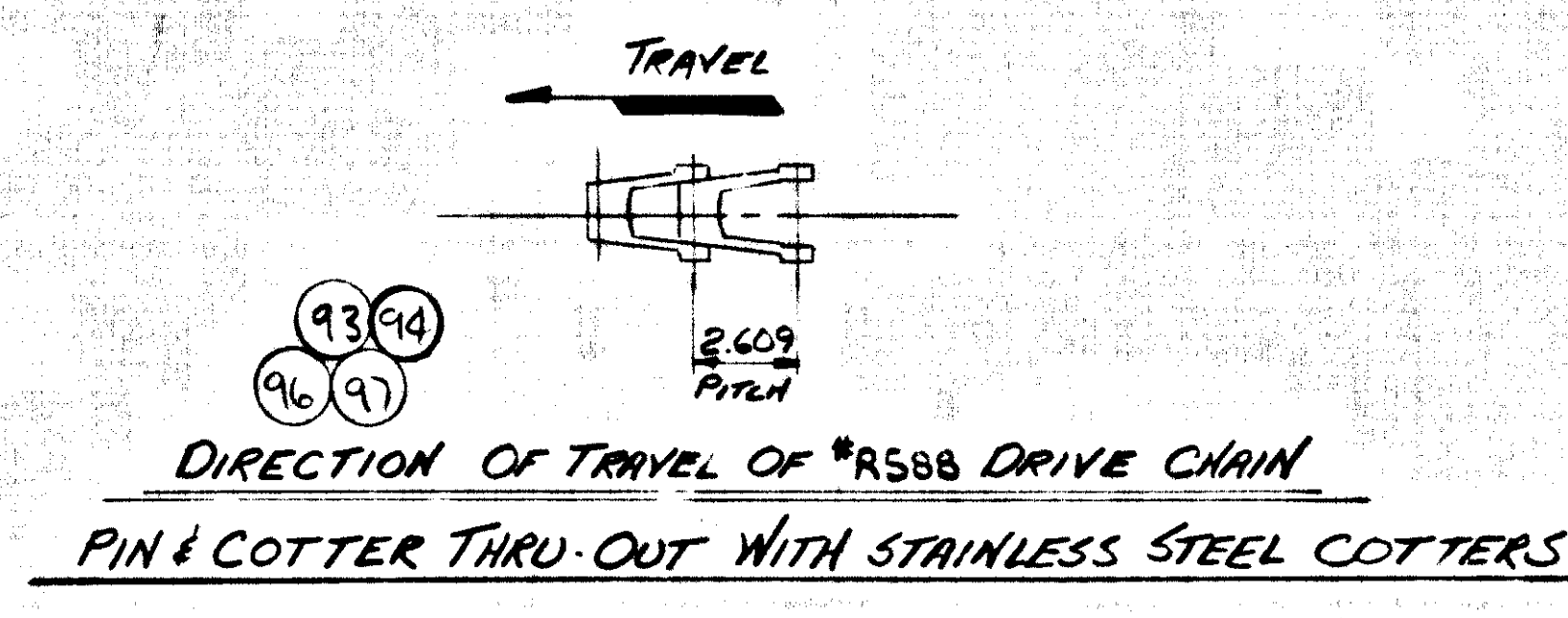


101-449-111H
ON DIMENSIONS



DETAIL 'N'



TOTAL LENGTH OF CHAIN IN ONE STRAND
= 288'-0" LG. LONG. COL.; 65'-0" LG. CROSS
COL. LONG. COL. USE (29) 10'-0" LG. SECTIONS
EA. WITH ONE RIGID ATTACHMENT, CROSS
COL. USE (1) 10'-0" LG. SECTIONS EA. WITH
TWO RIGID ATTACHMENTS.

CUSTOMERS NOTE

WE WILL NOT FURNISH ANY ELECTRICAL CONTROLS OTHER THAN SPECIFIED, WIRING OF MOTORS OR CONTROLS, WEIRS, Baffles, Gates, Floor Plates Or Gratings, Piping, Valves, HANDRAILING, PUMPS, GROUT, EFFLUENT TROUGHS, FIELD PRINT OR PAINTING OR FIELD ERECTION. THESE DRAWINGS ARE FOR THE LOCATION OF EQUIPMENT FURNISHED BY ENVIREX INC. AND THE NECESSARY RECESSES, OPENINGS AND APPURTENANCES FOR THE EQUIPMENT. FOR ALL OTHER DIMENSIONS AND GENERAL CONCRETE DESIGN REFER TO ENGINEERS DRAWINGS.

NOTE: ALL ASSEMBLY BOLTS WILL BE 304 SST. ALL FLIGHT ATTACHMENTS WILL HAVE 1/2" CAP SCREWS AND LOCKED WITH 316 STL. FLEX LOC NUTS.

ELECTRICAL CONTROLS FURNISHED BY ENVIREX INC.

(116) 2- ALLEN BRADLEY BULLETIN 950 REVERSING DRUM SWITCH WITH NEMA IV ENCLOSURE.

(71) FIELD CONNECTIONS

(113) SHEAR PINS

ERECTION SHIMS!

(72) USE WHERE NECESSARY

(73) TO ALIGN EQUIPMENT.

(74) SEE INSTRUCTION

MANUAL.

(111) CHAIN TOOL

LIST OF COMPONENTS				ESTIMATED FINISHED WEIGHT		DRAWING NO.	
TITLE GENERAL ARRANG. & ANCHOR BOLT LOCATION				ALL LENGTHS ARE FINAL LENGTHS UNLESS OTHERWISE SPECIFIED		ORDER NO.	
						H114644-101	
						H114644	
ADV. QRD.	REF. SYM.	QTY	PART NUMBER	PART NAME OR MAT'L SIZE AND DESCR.	MAT'L SPEC.	LENGTH FEET	INCHES
ANCHOR BOLTS FURNISHED BY ENVIREX NOT SET BY ENVIREX							
921	1	16	103-50369-4	1" x 7' LG ANCHOR BOLT		30.455	
921	2	80	103-50369-3	3/4" x 7' LG ANCHOR BOLT		30.455	
921	3	228	103-50369-2	3/8" x 7' LG ANCHOR BOLT		30.455	
921	4	16	841-20560	1" x HEX NUT		16.455	
921	5	88	841-20380	3/4" x HEX NUT		16.455	
921	6	228	841-20300	5/8" x HEX NUT		16.455	
921	7	8	841-22090	3/4" x CUTWASHER		16.555	
921	8	228	841-22000	5/8" x CUTWASHER		16.555	
9	24			TRAYERS CITY IRON WORKS OF FULAL FLOOR COLES 4 3/4" I.D. x 5 1/2" LONG, W/COVER			

DRIVE MACHINERY - FOOT-JONES RIGHT ANGLE SPIRAL BEVEL DRIVE MODEL SC-744, OUTPUT SPEED 13 RPM ON RIGHT ANGLE SHAFT, 8.6 RPM ON PARALLEL SHAFT WITH A WEST. MILL CHAIN. 3/4" H.P. 3 PH. 60 Hz. 230V, T.E.P.C., 1750 RPM MOTOR, CLASS F INSULATION, RATED AT 115 SEAT 40C AMBIENT TEMP. NEMA DESIGN B, REDUCER NEMA CLASS II RATED.

DRIVE SPROCKETS - * 78-11T. 9.22 P.D. REX CAST IRON SPKT. WITH SHEAR PIN DEVICE. TEETH 363 BHN MIN. 1/4" DR.

DRIVEN SPROCKETS - * 78-40T. 33.85 P.D. REX TEMP. SPLIT SPROCKET. TEETH 363 BHN MIN. 1/4" DR.

HEADSHAFT SPROCKETS - NCS-7205-23T. 22.24 P.D. REX FAB. STL., KEYED, SPLIT. TEETH 450 BHN MIN. 1/4" DR.

CORNERSHAFT SPROCKETS - * 7205-11T. 16.61 P.D. REX TEMP. SPROCKET, SPLIT. TEETH 363 BHN MIN. 1/4" DR.

COLLECTOR CHAIN - NON METALLIC - 7205.

DRIVE CHAIN - * R52B REX CHAINLCO

TRACK ANGLES - 3" x 3" x 3/4" STRUC. STL. ANGLE.

WEARING SHOES - POLYURETHANE, REVERSIBLE

CHAIN GUARDS - * 14 GA. HOT DIP GALV.

LONG. COL.

HEADSHAFT - 3 1/4" DIA. } CFS 1018 TURNED AND POLISHED

CORNERSHAFTS & IDLER SHAFT - 3 1/4" DIA. } CFS 1018 TURNED AND POLISHED

FLIGHTS - 3" x 8" x 13'-7" LG. FIBERGLASS, SPOLED ABOUT 10'-0" APART.

CROSS COL.

HEADSHAFT - 2 1/4" DIA. } CFS 1018 TURNED AND POLISHED

CORNERSHAFTS - 2 1/4" DIA. } CFS 1018 TURNED AND POLISHED

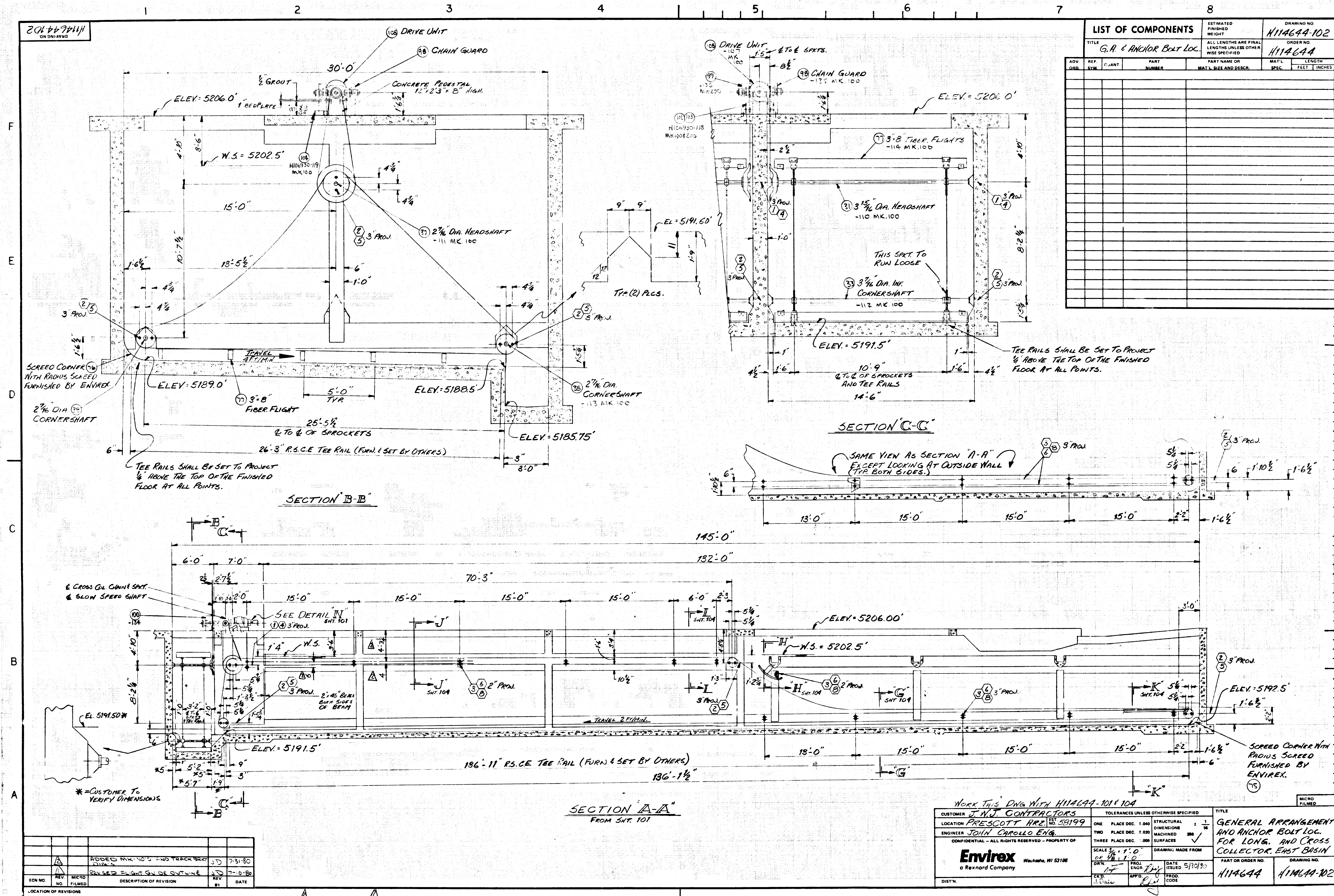
FLIGHTS - 3" x 8" x 5'-0" LG. FIBERGLASS, SPOLED ABOUT 5'-0" APART.

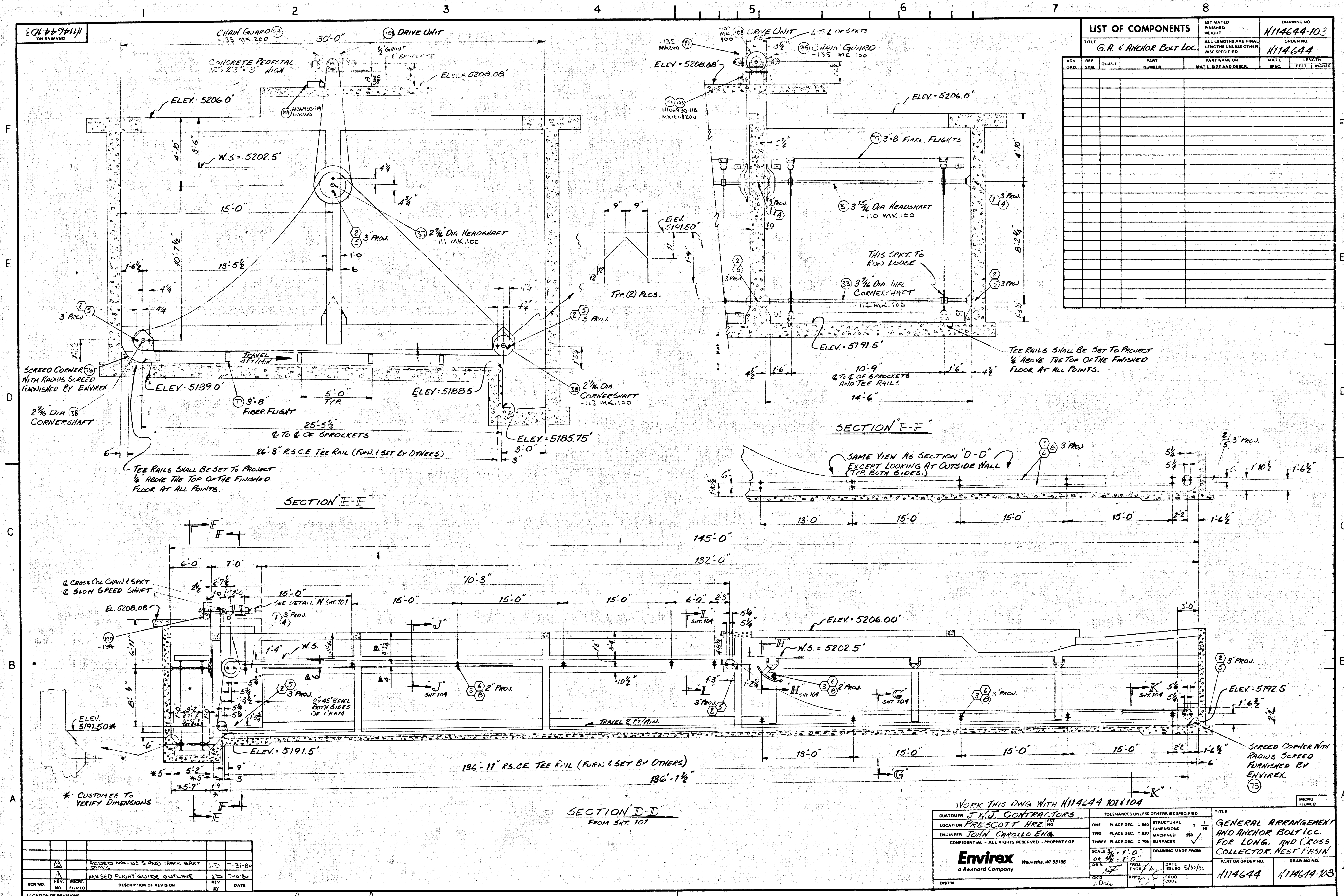
PAINT NOTE: ALL FERROUS METAL SURFACES WILL BE PREPARED BY BLAST CLEANING PER SSPC-SP10 FOLLOWED BY INEMEC #77P CHEM PRIME 2.0 MILS. THK. DRIVE CHAIN TO RECEIVE ONE SHOP COAT OF SLOSH OIL. SHAFTHING AND EXPOSED MACHINED SURFACES TO BE COVERED WITH MOBIL-ARMA #633. DRIVE UNITS AND CONTROLS WILL REMAIN MANUFACTURERS STANDARD PAINT. NON-FERROUS MATERIALS AND GALVANIZED SURFACES UNPAINTED.

WORK THIS DWG. WITH H114644-102, 103 & 104

CUSTOMER J.W.J. CONTRACTORS		TOLERANCES UNLESS OTHERWISE SPECIFIED	TITLE
LOCATION PRESCOTT, ARZ	NO. 58199	ONE PLACE DEC. ±.040	GENERAL ARRANG. & ANCHOR BOLT LOCATION
ENGINEER JOHN CAROLLO ENG.		TWO PLACE DEC. ±.020	FOR LONG. & CROSS
CONFIDENTIAL - ALL RIGHTS RESERVED - PROPERTY OF		THREE PLACE DEC. ±.005	COLLECTOR CHAIN (WEST & EAST)
Envirex	Waukegan, WI 53186	SCALE	DRAWING MADE FROM
a Rexnord Company		DR. N. R. P.	DATE ISSUED 5/30/80
		ENGR. R. P.	PART OR ORDER NO.
		APP. J. D. S.	DRAWING NO.
			H114644 H114644-101

EDN NO.	REV.	NO.	MICRO	DESCRIPTION OF REVISION	REV.	DATE





ITEM	QUAN.	DRAWING NO.	MK NO.	DESCRIPTION	ITEM	QUAN.	DRAWING NO.	MK NO.	DESCRIPTION	ITEM	QUAN.	DRAWING NO.	MK NO.	DESCRIPTION
ITEMS 1 THRU 30 RESERVED FOR THIS UNIT'S EMBEDDED MATERIAL WHICH HAS BEEN PREVIOUSLY ORDERED.					81	28	H114644-115	100	3"x8" Fbrgl's Flights x 5' L	136				
					82	288	H114644-137		Wear Shoe - Carry Run	137				
					83				Not Used	138				
					84				Not Used	139				
					85	232	H114644-136	100	Wear Shoe w/Lug	140				
31	4	H114644-110	100	3 15/16" Headshaft Asm.	86				Not Used	141				
32				Not Used	87				" "	142				
33	4	H114644-112	100	3 7/16" Cornersht Asm.	88				" "	143				
34	8	H114644-118	100	3 7/16" Cornersht A	89				Not Used	144				
35				Not Used	90					145				
36				Not Used	91	232	603-30778	80	NCS720S Non-Mtlc Chain	146				
37	2	H114644-111	100	2 7/16" Headshaft Asm.	92				Not Used	147				
38	4	H114644-113	100	2 7/16" Cornersht Asm.	93	47.8			R-588 Drive Cahin	148				
39	4	H114644-125	100	Track Angle Top Run	94	39.6			R-588 Drive Chain	149				
40	4	H114644-125	200	Track Angle Top Run	95	28	603-30778	81	NCS720S Non-Mtlc Chain	150				
41	4	H114644-125	101	Track Angle	96	23.9			R-588 Drive Chain	ADDITIONAL DRAWINGS INCLUDED				
42	4	H114644-125	201	Track Angle	97	19.8			R-588 Drive Chain					
43				Not Used	98	2	H114644-135	100	Chain Guard					
44				Not Used	99	2	H114644-135	200	Chain Guard					
45	4	H114644-126	100	Track Angle Lower Run	100	2	H114644-134	100	Chain Guard (Cross)					
46	4	H114644-126	200	Track Angle Lower Run	101				Not Used					
47	4	H114644-126	101	Track Angle Lower Run	102	2	H106930-118	100	Chain Tightener					
48	4	H114644-126	201	Track Angle Lower Run	103	2	H106930-118	200	Chain Tightener					
49				Not Used	104	2	H106930-119	100	Chain Tightener					
50				Not Used	105				Not Used					
51				" "	106				Not Used	Chain & Scraper Sludge Collectors				
52				" "	107				Not Used					
53				" "	108	2	H114644-107	100	Drive Assembly					
54				" "	109				Not Used					
55				" "	110				Not Used					
56				" "	111				Not Used					
57				" "	112				Not Used					
58				Not Used	113	24	CA1943	13E	Shear Pin					
59	4	H114644-128	100	Deflector Plate Assy.	114	48	CA1943	29E	Shear Pin					
60	4	H114644-128	200	Deflector Plate Assy.	115	18	H114644-128	101	Deflector Plate Supp.					
61	2	H114644-127	100	Deflector Angle Support	116	2	303-1319		Reversing Drum Switch	J.W.J. Contractors				UNIT NO. 1
62	2	H114644-127	200	Deflector Angle Support	117	2	H114644-131	100	Deflector Plate Support					
63	10	H114644-129	100	Track Angle Bracket R.H.	118	2	H114644-131	200	Deflector Plate Support					
64	10	H114644-129	200	Track Angle Bracket L.H.	119	S/D	H114644-106		Grease Lines					
65	10	H114644-130	100	Track Angle Bracket R.H.	120	288	303-60189	1	Spacer/Fiberglass Flight					
66	10	H114644-130	200	Track Angle Bracket L.H.	121	2	603-30707	80	Non-Metallic Chain Tool					
67	24	H114644-132	100	Track Angle Bracket R.H.	122									
68	24	H114644-132	200	Track Angle Bracket L.H.	123									
69				Not Used	124									
70				Not Used	125									
71	S/D	H114644-133		Field Mat'l & Conn.	126					Envirex Water Quality Control Division Waukesha, WI 53186 a Rexnord Company				DRAWING NO.
72	120	71258	1	Erection Shim 10 GA	127									
73	80	71258	2	Erection Shim 1/2"	128									
74	40	71258	3	Erection Shim 3/8"	129									
75	1	503-3	46	Screeding Template	130									
76	1	503-3	44	Screeding Template	131									
77	116	H114644-114		3"x8" Fbrgl Flight	132									H114644-100
78				Not Used	133									
79				Not Used	134									
80				Not Used	135									