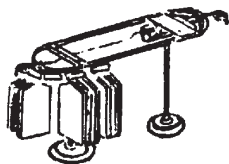
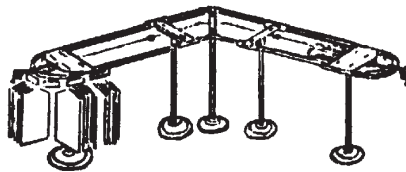




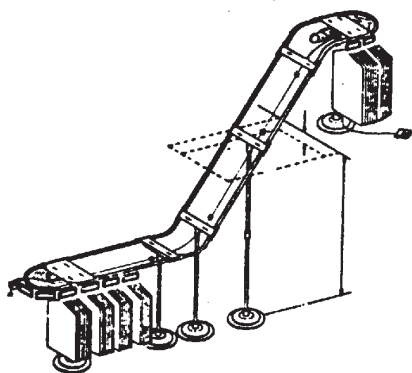
Conveyors



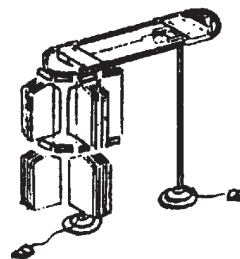
MODEL FP



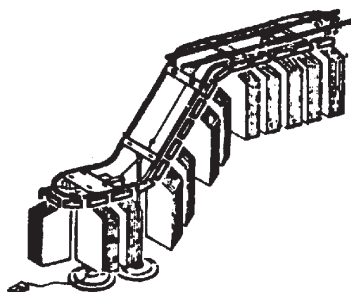
MODEL FL



MODEL QP



MODEL MP



MODEL OP

CISSELL MANUFACTURING COMPANY
HEADQUARTERS
831 SOUTH FIRST ST.
P.O. BOX 32270
LOUISVILLE, KY 40232-2270

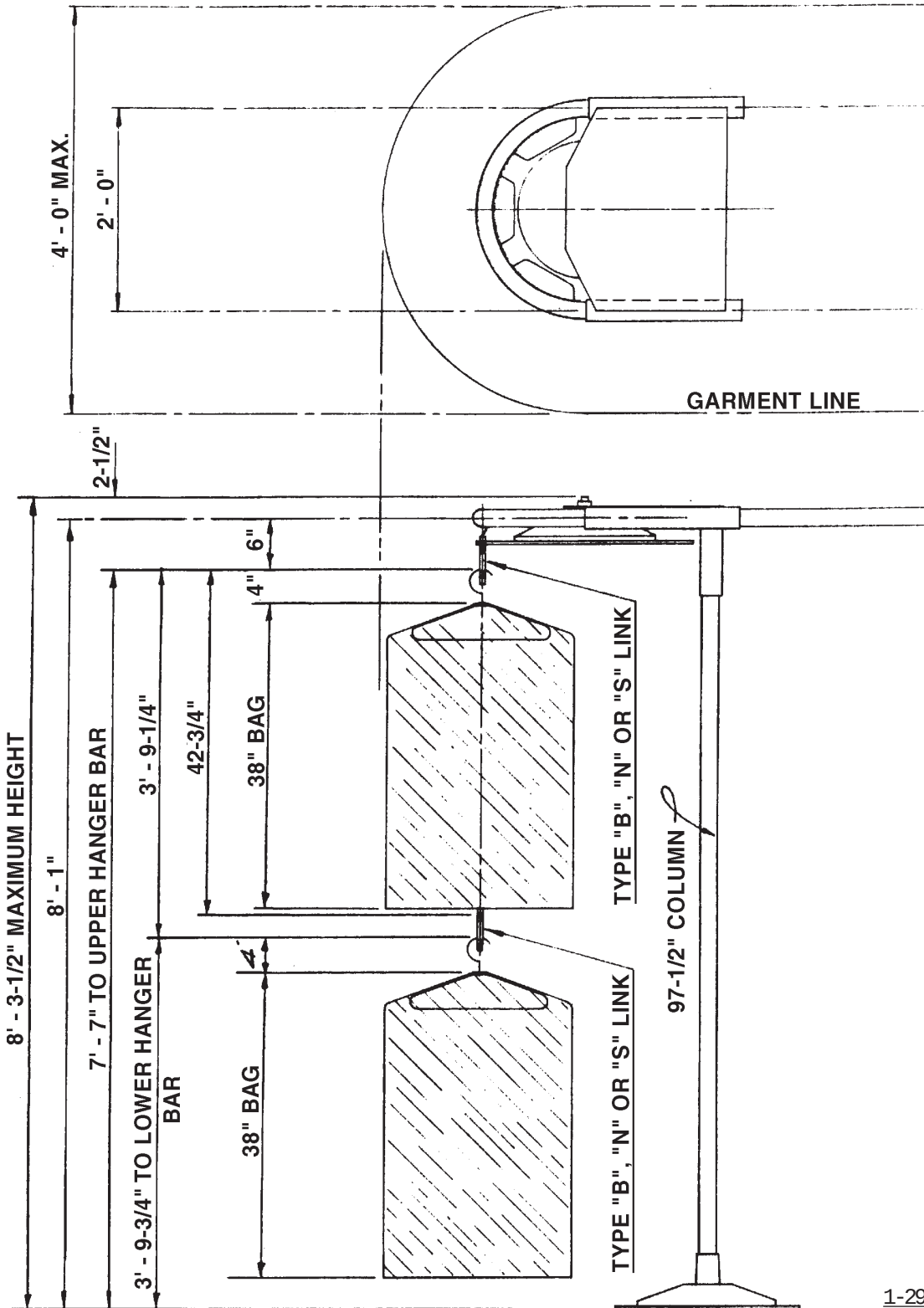
PHONE: (502) 587-1292
SALES FAX: (502) 585-3625
SERVICE/PARTS FAX: (502) 681-1275

THIS MANUAL MUST BE GIVEN TO THE EQUIPMENT OWNER.

GARMENT BAG
DIMENSIONS AND CLEARANCE (60)

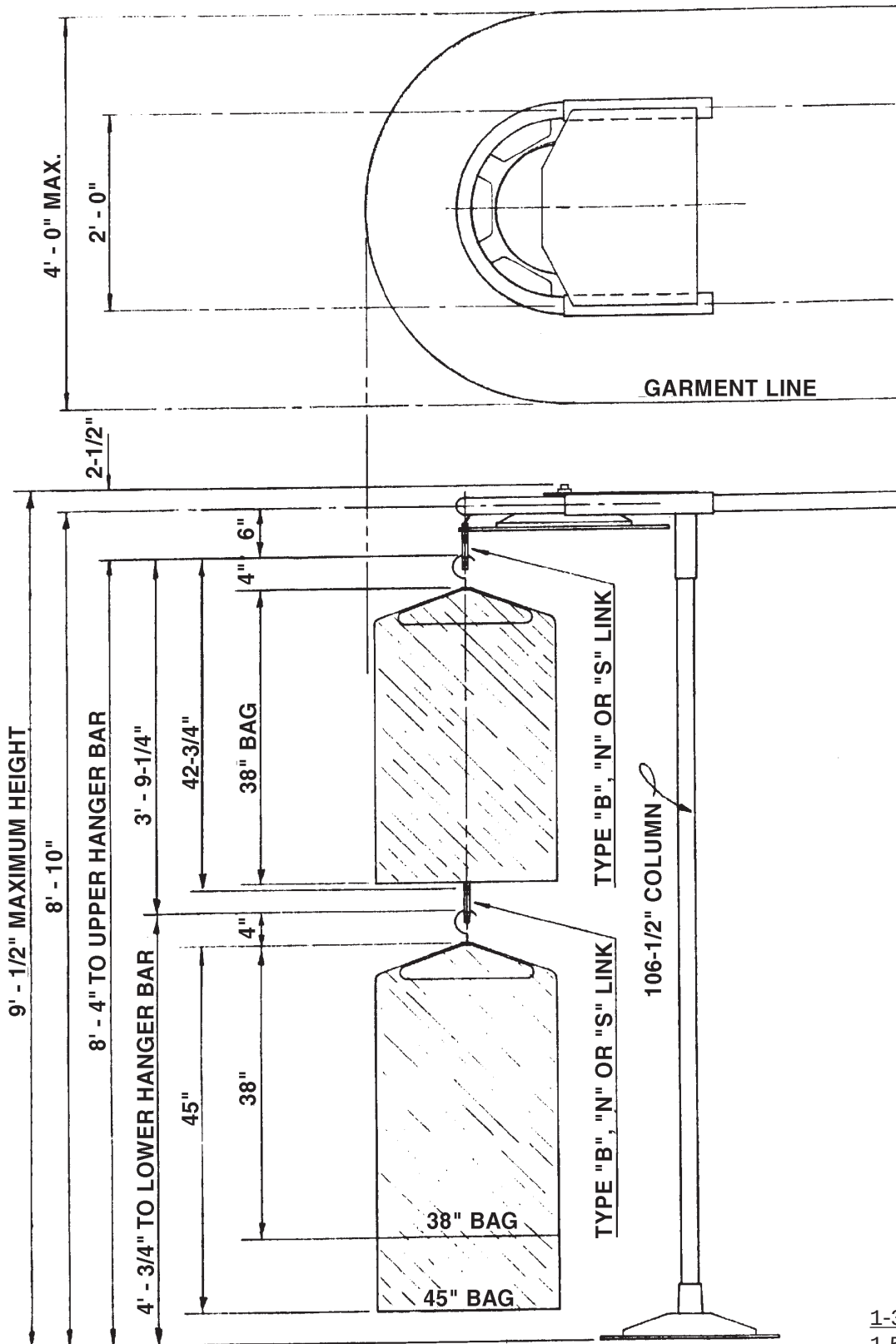


CONVEYOR **DOUBLE DECK (38/38)**



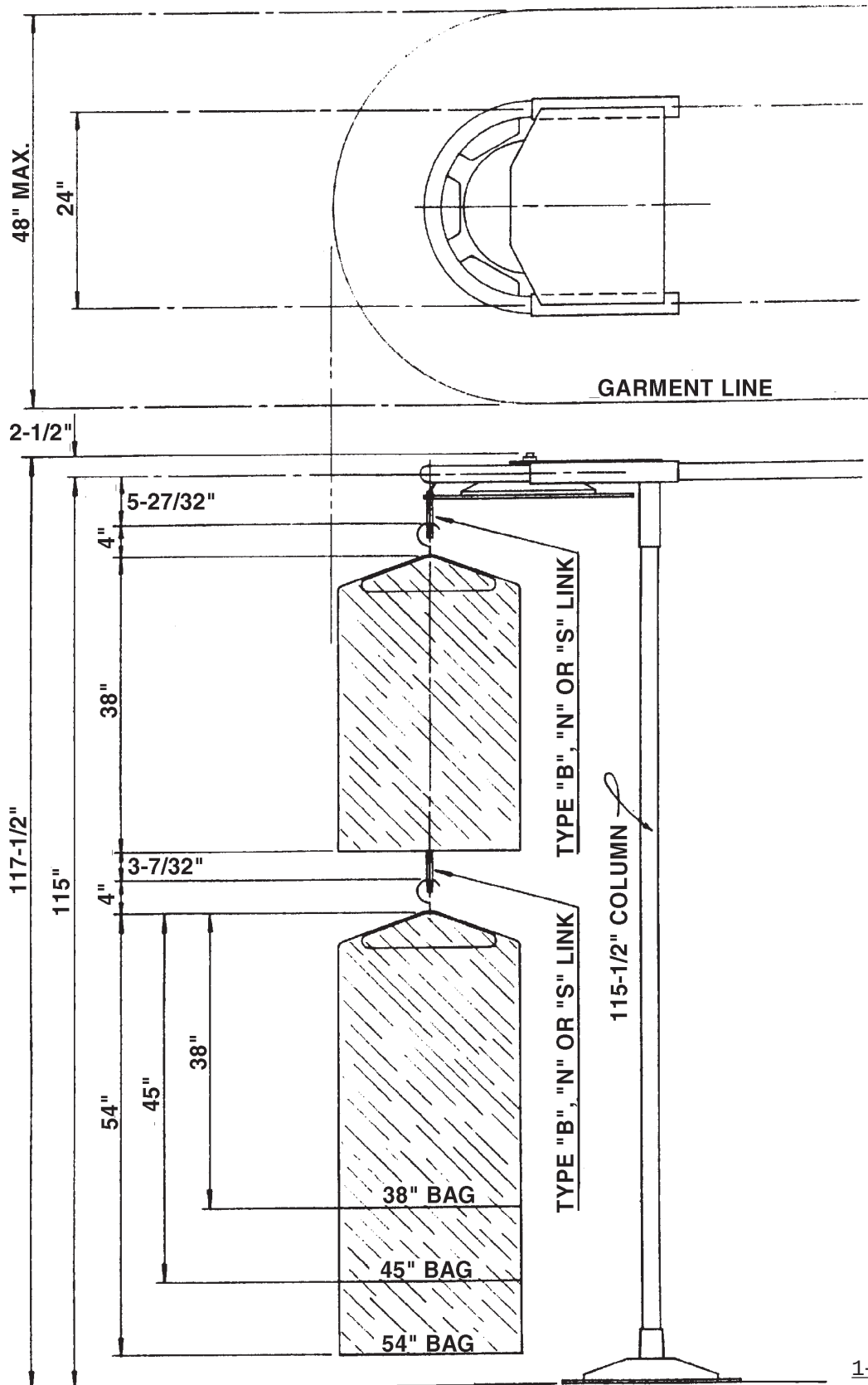
1-29-69-NS
1-5327-6

CONVEYOR DOUBLE DECK (38/45)



1-30-69-NS
1-5327-9

CONVEYOR
DOUBLE DECK (38/54)



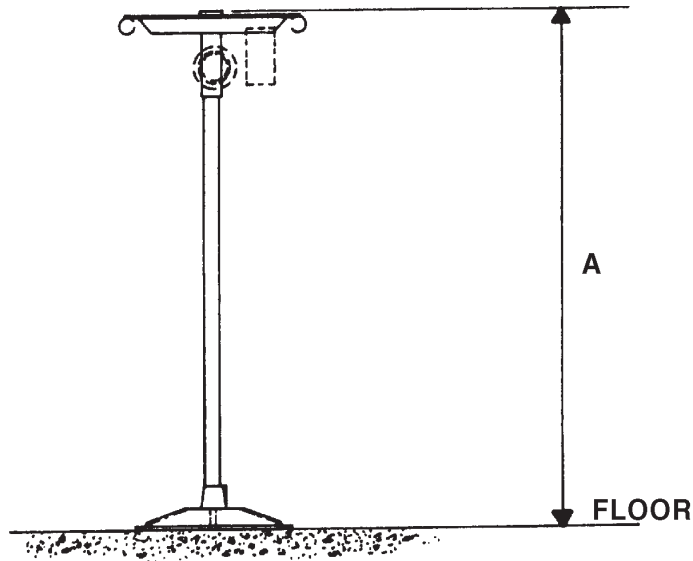
1-31-69-NS
1-5327-10

Technical drawing of a garment rack system. The drawing includes the following dimensions and labels:

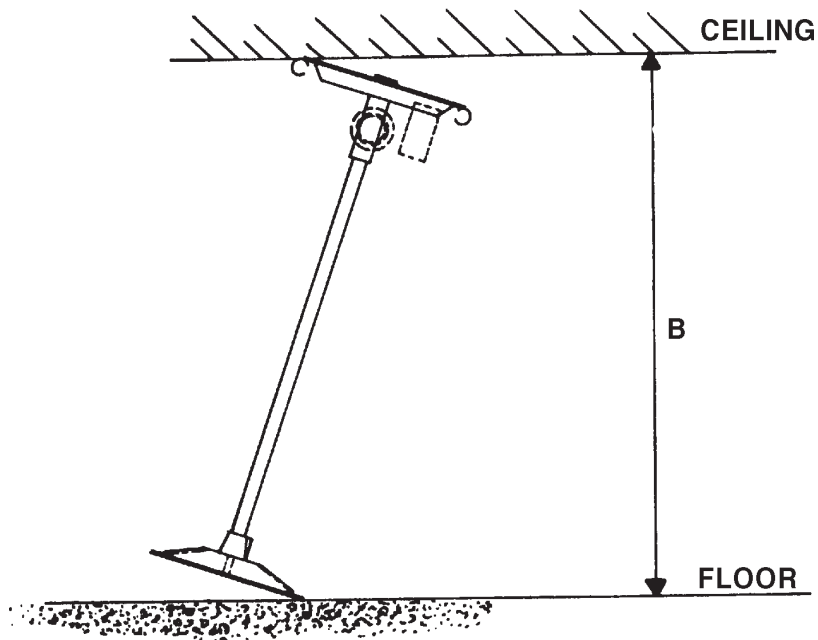
- Overall Dimensions:**
 - 121-1/2" MAX. HEIGHT (Total height of the rack)
 - 48" MAX. (Width of the top section)
 - 119" (Height of the main vertical column)
 - 60" (Width of the main vertical column)
- Top Section:**
 - 24" (Width of the top section)
 - GARMENT LINE (Indicated by a dashed line)
- Main Vertical Column:**
 - 119-1/2" COLUMN (Label with an arrow pointing to the column)
- Bag Dimensions and Placement:**
 - 60" BAG (Label for the bottom bag)
 - 38" (Height of the top bag)
 - 5-27/32" (Height from the top of the top bag to the top of the main column)
 - 4" (Clearance between the top of the top bag and the top of the main column)
 - 3-7/32" (Height from the top of the bottom bag to the top of the main column)
 - 4" (Clearance between the top of the bottom bag and the top of the main column)
- Links:**
 - TYPE "B", "N" OR "S" LINK (Label for the top link)
 - TYPE "B", "N" OR "S" LINK (Label for the bottom link)

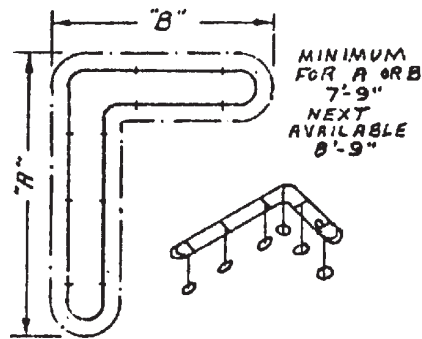
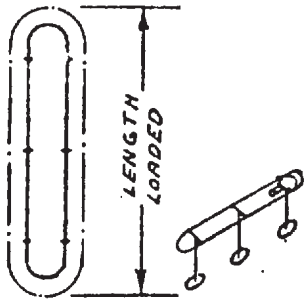
Page 6

**MINIMUM CEILING HEIGHT FOR
INSTALLATION OF CISSELL
FLOOR MODEL CONVEYORS**



TYPE	A	B
FLOOR MODEL	6' - 2-1/2"	6' - 5"
DOUBLE DECK 38" BAG	7' - 15-1/2"	8' - 6"
DOUBLE DECK 45" BAG	9' - 1/2"	9' - 3"
DOUBLE DECK 54" BAG	9' - 9-1/2"	10' - 1-1/2"
DOUBLE DECK 60" BAG	10' - 1-1/2"	10' - 4"

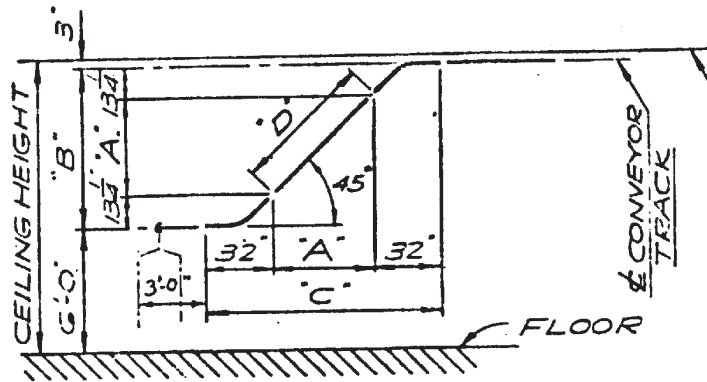




CISSELL CONVEYORS

STRAIGHT FLOOR MODEL				"L" FLOOR MODEL			
NO. OF LINKS	CONVEYOR LENGTH LOADED	NO. OF LINKS	CONVEYOR LENGTH LOADED	NO. OF LINKS	CONVEYOR A & B LOADED	NO. OF LINKS	CONVEYOR A & B LOADED
14	8'-0"	58	30'-0"			58	34'-6"
15	8'-6"	59	30'-6"			59	35'-0"
16	9'-0"	60	31'-0"			60	35'-6"
17	9'-6"	61	31'-6"			61	36'-0"
18	10'-0"	62	32'-0"			62	36'-6"
19	10'-6"	63	32'-6"			63	37'-0"
20	11'-0"	64	33'-0"			64	37'-6"
21	11'-6"	65	33'-6"			65	38'-0"
22	12'-0"	66	34'-0"	22	16'-6"	66	38'-6"
23	12'-6"	67	34'-6"	23	17'-0"	67	39'-0"
24	13'-0"	68	35'-0"	24	17'-6"	68	39'-6"
25	13'-6"	69	35'-6"	25	18'-0"	69	40'-0"
26	14'-0"	70	36'-0"	26	18'-6"	70	40'-6"
27	14'-6"	71	36'-6"	27	19'-0"	71	41'-0"
28	15'-0"	72	37'-0"	28	19'-6"	72	41'-6"
29	15'-6"	73	37'-6"	29	20'-0"	73	42'-0"
30	16'-0"	74	38'-0"	30	20'-6"	74	42'-6"
31	16'-6"	75	38'-6"	31	21'-0"	75	43'-0"
32	17'-0"	76	39'-0"	32	21'-6"	76	43'-6"
33	17'-6"	77	39'-6"	33	22'-0"	77	44'-0"
34	18'-0"	78	40'-0"	34	22'-6"	78	44'-6"
35	18'-6"	79	40'-6"	35	23'-0"	79	45'-0"
36	19'-0"	80	41'-0"	36	23'-6"	80	45'-6"
37	19'-6"	81	41'-6"	37	24'-0"	81	46'-0"
38	20'-0"	82	42'-0"	38	24'-6"	82	46'-6"
39	20'-6"	83	42'-6"	39	25'-0"	83	47'-0"
40	21'-0"	84	43'-0"	40	25'-6"	84	47'-6"
41	21'-6"	85	43'-6"	41	26'-0"	85	48'-0"
42	22'-0"	86	44'-0"	42	26'-6"	86	48'-6"
43	22'-6"	87	44'-6"	43	27'-0"	87	49'-0"
44	23'-0"	88	45'-0"	44	27'-6"	88	49'-6"
45	23'-6"	89	45'-6"	45	28'-0"	89	50'-0"
46	24'-0"	90	46'-0"	46	28'-6"	90	50'-6"
47	24'-6"	91	46'-6"	47	29'-0"	91	51'-0"
48	25'-0"	92	47'-0"	48	29'-6"	92	51'-6"
49	25'-6"	93	47'-6"	49	30'-0"	93	52'-0"
50	26'-0"	94	48'-0"	50	30'-6"	94	52'-6"
51	26'-6"	95	48'-6"	51	31'-0"	95	53'-0"
52	27'-0"	96	49'-0"	52	31'-6"	96	53'-6"
53	27'-6"	97	49'-6"	53	32'-0"	97	54'-0"
54	28'-0"	98	50'-0"	54	32'-6"	98	54'-6"
55	28'-6"	99	50'-6"	55	33'-0"	99	55'-0"
56	29'-0"	100	51'-0"	56	33'-6"	100	55'-6"
57	29'-6"			57	34'-0"		

UP AND DOWN CISSELL CONVEYOR



CEILING LEVEL
OVERHEAD CLEARANCE BELOW
BEAMS, PIPES, SLOPE OF CEILING,
ETC. OR ANY PERMANENT
OBSTRUCTION THAT WILL INTER-
FERE WITH CONVEYOR TRACK.

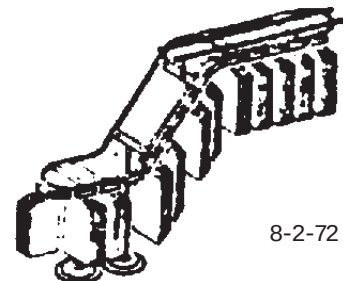
$$A = \text{CEILING HEIGHT LESS } 8'-5\frac{1}{2}''$$

$$B = A \text{ PLUS } 26\frac{1}{2}''$$

$$C = A \text{ PLUS } 64''$$

$$D = \frac{A}{.70711}$$

CEILING HEIGHT	"A"	"B"	"C"	"D"	MINIMUM OVER GARMENTS	MINIMUM LINKS
10'-0"	1'-6 1/2"	3'-9"	6'-10 1/2"	2'-21 8/8"	14'-23 8/8"	29
10'-3"	1'-9 1/2"	4'-0"	7'-11 1/2"	2'-63 8/8"	14'-71 8/8"	30
10'-6"	2'-0 1/2"	4'-3"	7'-41 1/2"	2'-105 8/8"	14'-57 8/8"	30
10'-9"	2'-3 1/2"	4'-6"	7'-71 1/2"	3'-27 8/8"	14'-105 8/8"	31
11'-0"	2'-6 1/2"	4'-9"	7'-10 1/2"	3'-71 8/8"	15'-33 8/8"	32
11'-3"	2'-9 1/2"	5'-0"	8'-11 1/2"	3'-113 8/8"	15'-21 8/8"	32
11'-6"	3'-0 1/2"	5'-3"	8'-41 1/2"	4'-35 8/8"	15'-67 8/8"	33
11'-9"	3'-3 1/2"	5'-6"	8'-71 1/2"	4'-77 8/8"	15'-115 8/8"	34
12'-0"	3'-6 1/2"	5'-9"	8'-10 1/2"	5'-0"	14'-10 1/2"	32
12'-3"	3'-9 1/2"	6'-0"	9'-11 1/2"	5'-43 8/8"	16'-31 8/8"	35
12'-6"	4'-0 1/2"	6'-3"	9'-41 1/2"	5'-85 8/8"	16'-77 8/8"	36
12'-9"	4'-3 1/2"	6'-6"	9'-71 1/2"	6'-07 8/8"	17'-05 8/8"	37
13'-0"	4'-6 1/2"	6'-9"	9'-10 1/2"	6'-51 8/8"	16'-113 8/8"	37
13'-3"	4'-9 1/2"	7'-0"	10'-11 1/2"	6'-93 8/8"	17'-41 8/8"	38
13'-6"	5'-0 1/2"	7'-3"	10'-41 1/2"	7'-11 1/2"	17'-9"	39
13'-9"	5'-3 1/2"	7'-6"	10'-71 1/2"	7'-53 4/4"	17'-73 4/4"	39
14'-0"	5'-6 1/2"	7'-9"	10'-10 1/2"	7'-10"	18'-01 1/2"	40
14'-3"	5'-9 1/2"	8'-0"	11'-11 1/2"	8'-21 4/4"	18'-51 4/4"	41
14'-6"	6'-0 1/2"	8'-3"	11'-41 1/2"	8'-61 1/2"		
14'-9"	6'-3 1/2"	8'-6"	11'-71 1/2"	8'-103 4/4"		
15'-0"	6'-6 1/2"	8'-9"	11'-10 1/2"	9'-3"		
15'-3"	6'-9 1/2"	9'-0"	12'-11 1/2"	9'-71 4/4"		
15'-6"	7'-0 1/2"	9'-3"	12'-41 1/2"	9'-111 1/2"		
15'-9"	7'-3 1/2"	9'-6"	12'-71 1/2"	10'-33 4/4"		
16'-0"	7'-6 1/2"	9'-9"	12'-10 1/2"	10'-8"		
16'-3"	7'-9 1/2"	10'-0"	13'-11 1/2"	11'-01 4/4"		
16'-6"	8'-0 1/2"	10'-3"	13'-41 1/2"	11'-41 1/2"		
16'-9"	8'-3 1/2"	10'-6"	13'-71 1/2"	11'-83 4/4"		
17'-0"	8'-6 1/2"	10'-9"	13'-10 1/2"	12'-1"		

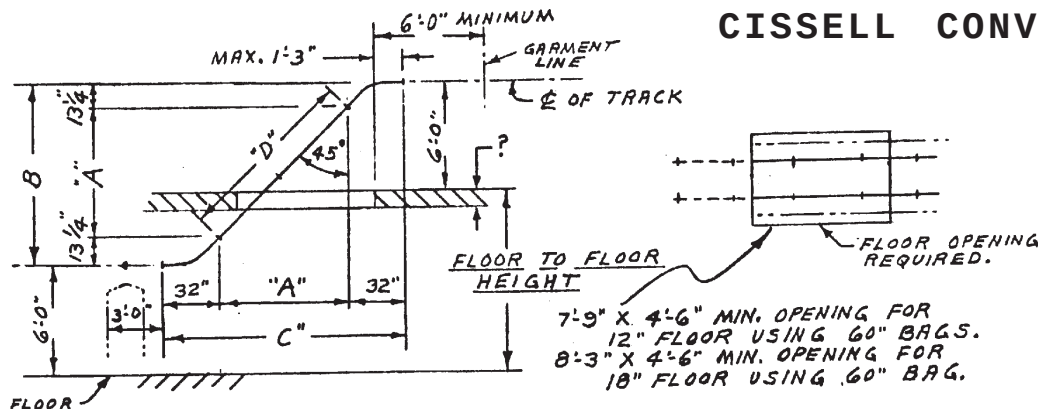


8-2-72

TWO OR THREE SUPPORTS TO FLOOR AT LOWER END AND OVERHEAD CHANNELS WITH STRAPS FURNISHED WITH CONVEYOR. NO SUPPORTS TO FLOOR UNDER UPPER SECTION.

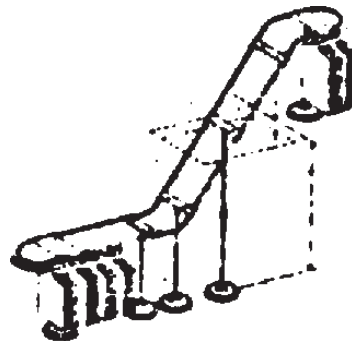
1-5025-21A

DESCENDING CISSELL CONVEYOR



CEILING HEIGHT	"A"	"B"	"C"	"D"	MINIMUM OVER GARMENTS	MINIMUM LINKS
7'-3"	5'-0 1/2"	7'-3"	10'-4 1/2"	7'-11 1/2"	17'-9"	39
7'-6"	5'-3 1/2"	7'-6"	10'-7 1/2"	7'-5 3/4"	17'-7 3/4"	39
7'-9"	5'-6 1/2"	7'-9"	10'-10 1/2"	7'-10"	18'-0 1/2"	40
8'-0"	5'-9 1/2"	8'-0"	11'-1 1/2"	8'-2 1/4"	18'-5 1/4"	41
8'-3"	6'-0 1/2"	8'-3"	11'-4 1/2"	8'-6 1/2"	18'-10"	42
8'-6"	6'-3 1/2"	8'-6"	11'-7 1/2"	8'-10 3/4"	18'-8 3/4"	42
8'-9"	6'-6 1/2"	8'-9"	11'-10 1/2"	9'-3"	19'-11 1/2"	43
9'-0"	6'-9 1/2"	9'-0"	12'-1 1/2"	9'-7 1/4"	19'-6 1/4"	44
9'-3"	7'-0 1/2"	9'-3"	12'-4 1/2"	9'-11 1/2"	19'-5"	44
9'-6"	7'-3 1/2"	9'-6"	12'-7 1/2"	10'-3 3/4"	19'-9 3/4"	45
9'-9"	7'-6 1/2"	9'-9"	12'-10 1/2"	10'-8"	20'-2 1/2"	46
10'-0"	7'-9 1/2"	10'-0"	13'-1 1/2"	10'-0 1/4"	20'-7 1/4"	47
10'-3"	8'-0 1/2"	10'-3"	13'-4 1/2"	11'-4 1/2"	20'-6"	47
10'-6"	8'-3 1/2"	10'-6"	13'-7 1/2"	11'-8 3/4"	20'-10 3/4"	48
10'-9"	8'-6 1/2"	10'-9"	13'-10 1/2"	12'-1"	21'-3 1/2"	49
11'-0"	8'-9 1/2"	11'-0"	14'-1 1/2"	12'-5 1/4"	21'-2 1/4"	49

ALL SUPPORTS TO FLOORS FURNISHED WITH CONVEYOR. CUSTOMER TO BRACE TO RIGID PART OF BUILDING IF REQ'D.



8-2-72

1-5025-35

	1/4 HP	1/2 HP	3/4 HP	1/4 + 1/4 HP	1/2 + 1/2 HP
	No's Are For Links			⊙ Are For Adder No's.	
Floor Model "F" Conveyor					
"P" Plain (Straight)	14-70	71-100		102-150	152-200
"L" Ell Shape	22-50 ①	51-70 ②			
"L" Ell Shape w/Idlers		71-100 ③		102-150 ③+⑦	152-200 ③+⑧
Double Deck "M" (No's. Are For Links Both Decks) Conveyor					
"P" Plain (Straight)		30-200		202-300 ⑦	302-400 ⑧
"L" Ell Shape w/Idlers		50-200 ③		202-300 ③+⑦	302-400 ③+⑧
Up & Down "O" or Descending "Q" Conveyor					
"P" Plain (Straight)		29-100	102-120 ②①		122-200 ⑧
"L" Ell Shape w/Idlers		39-80 ③A	81-100 ③A + ②①		102-180 ③A + ⑧
"P" Plain (Straight)			41-100 ②①		102-150 ⑧
"L" Ell Shape w/Idlers			51-80 ③A + ②①		81-150 ③A + ⑧

CONVEYOR TRACK LUBRICATION

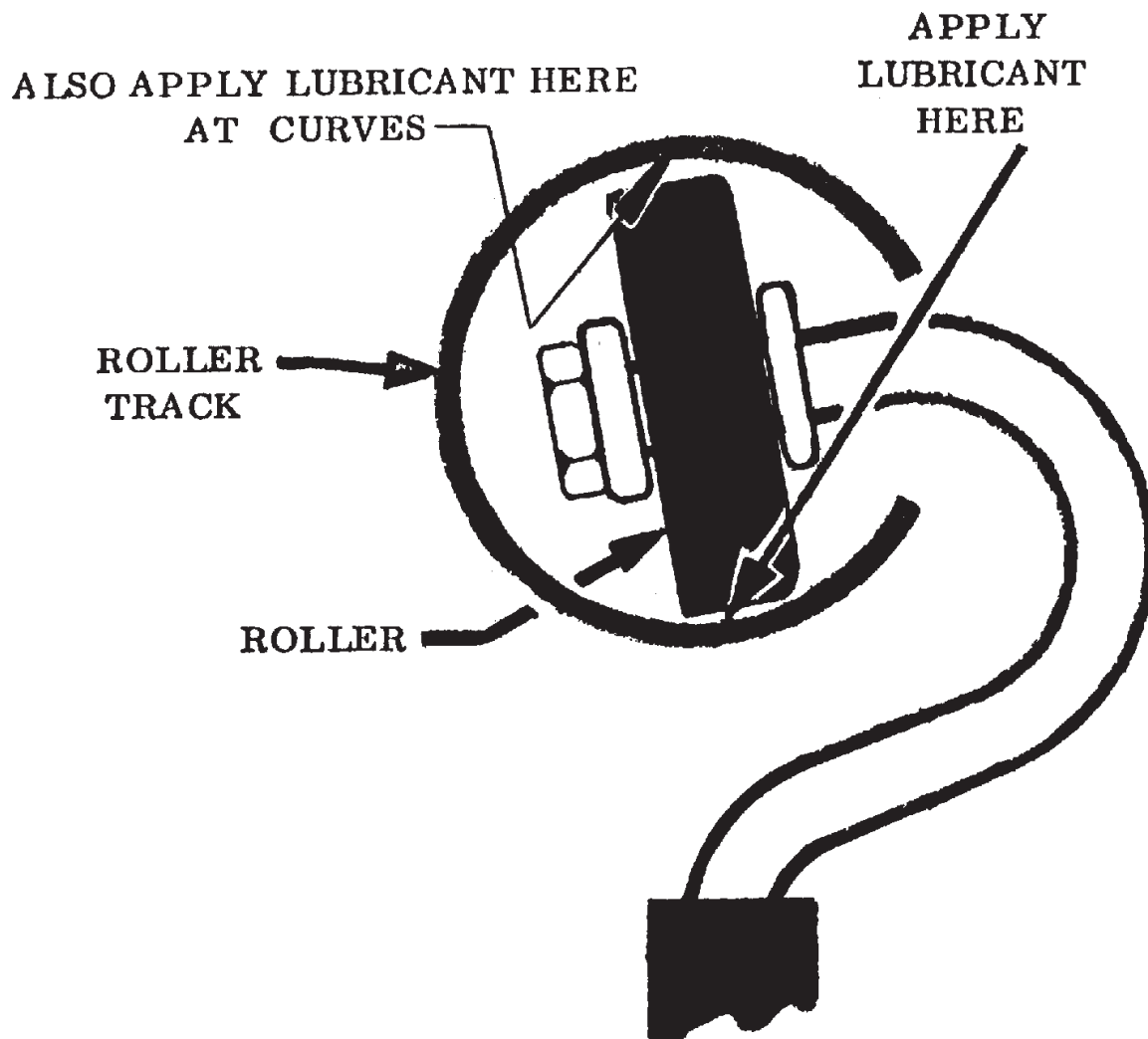
Put vaseline (or light grease) in bottom of roller track to lubricate path of rollers. Also apply lubricant to top of track at all curves.

A narrow strip of lubrication, about 1/8" in diameter and placed along the center of the roller path for about 1 foot at 5 foot spacings, will be picked up and spread by the rollers.

Do not apply lubricant beyond path of rollers as this will serve no useful purpose.

Repeat every six months or when track surface becomes dry.

A properly lubricated track will provide quiet roller operation and greatly extend the operating life.



LINK ASSEMBLIES

FLOOR MODEL

Type B Link Assembly	5 Links	C1755
Type B Link Assembly	6 Links	C1756
Type B Link Assembly	8 Links	C1758
Type B Link Assembly	9 Links	C1759
Type B Link Assembly	10 Links	C1750
Type B Link Assembly	11 Links	C1900
Type B Link Assembly	12 Links	C1901
Type B Link Assembly	13 Links	C1902
Type B Link Assembly	14 Links	C1903
Type B Link Assembly	15 Links	C1752
Type N Link Assembly	5 Links	C1765
Type N Link Assembly	6 Links	C1766
Type N Link Assembly	8 Links	C1768
Type N Link Assembly	9 Links	C1769
Type N Link Assembly	10 Links	C1760
Type N Link Assembly	11 Links	C1904
Type N Link Assembly	12 Links	C1905
Type N Link Assembly	13 Links	C1906
Type N Link Assembly	14 Links	C1907
Type N Link Assembly	15 Links	C1762
Type S Link Assembly	5 Links	C1775
Type S Link Assembly	6 Links	C1776
Type S Link Assembly	8 Links	C1778
Type S Link Assembly	9 Links	C1779
Type S Link Assembly	10 Links	C1770
Type S Link Assembly	11 Links	C1908
Type S Link Assembly	12 Links	C1909
Type S Link Assembly	13 Links	C1910
Type S Link Assembly	14 Links	C1911
Type S Link Assembly	15 Links	C1772

OVERHEAD LINKS

Type N Link Assembly	1 Link	C1761
Type S Link Assembly	1 Link	C1771

Garmt. Cpty.	No. of Links	Link Assemblies						
140	14	5	9					
150	15	5	10					
160	16	5	5	6				
170	17	5	6	6				
180	18	5	5	8				
190	19	5	5	9				
200	20	5	5	10				
210	21	5	8	8				
220	22	5	8	9				
230	23	5	10	8				
240	24	5	10	9				
250	25	5	10	10				
260	26	5	15	6				
270	27	5	9	8	5			
280	28	5	15	8				
290	29	5	15	9				
300	30	5	15	10				
310	31	5	10	8	8			
320	32	5	10	8	9			
330	33	5	10	10	8			
340	34	5	10	10	9			
350	35	5	15	15				
360	36	5	15	8	8			
370	37	5	15	8	9			
380	38	5	15	8	10			
390	39	5	15	9	10			
400	40	5	15	10	10			
410	41	5	15	15	6			
420	42	5	15	10	6	6		
430	43	5	15	15	8			
440	44	5	15	15	9			
450	45	5	15	15	10			
460	46	5	15	15	5	6		
470	47	5	15	15	6	6		
480	48	5	15	15	5	8		
490	49	5	15	15	5	9		
500	50	5	15	15	15			
510	51	5	15	15	10	6		
520	52	5	15	15	8	9		
530	53	5	15	15	10	8		
540	54	5	15	15	10	9		
550	55	5	15	15	10	10		
560	56	5	15	15	15	6		
570	57	5	15	15	10	6	6	

Garmt. Cpty.	No. of Links	Link Assemblies							
580	58	5	15	15	15	8			
590	59	5	15	15	15	9			
600	60	5	15	15	15	10			
610	61	5	15	15	15	5	6		
620	62	5	15	15	15	6	6		
630	63	5	15	15	15	5	8		
640	64	5	15	15	15	6	8		
650	65	5	15	15	15	15			
660	66	5	15	15	15	8	8		
670	67	5	15	15	15	9	8		
680	68	5	15	15	15	9	9		
690	69	5	15	15	15	10	9		
700	70	5	15	15	15	10	10		
710	71	5	15	15	15	15	6		
720	72	5	15	15	15	6	8	8	
730	73	5	15	15	15	15	8		
740	74	5	15	15	15	15	9		
750	75	5	15	15	15	15	10		
760	76	5	15	15	15	15	6	5	
770	77	5	15	15	15	15	6	6	
780	78	5	15	15	15	15	5	8	
790	79	5	15	15	15	15	6	8	
800	80	5	15	15	15	15	15		
810	81	5	15	15	15	15	10	6	
820	82	5	15	15	15	15	9	8	
830	83	5	15	15	15	15	10	8	
840	84	5	15	15	15	15	10	9	
850	85	5	15	15	15	15	10	10	
860	86	5	15	15	15	15	15	6	
870	87	5	15	15	15	15	10	6	6
880	88	5	15	15	15	15	15	8	
890	89	5	15	15	15	15	15	9	
900	90	5	15	15	15	15	15	10	
910	91	5	15	15	15	15	15	5	6
920	92	5	15	15	15	15	15	6	6
930	93	5	15	15	15	15	15	5	8
940	94	5	15	15	15	15	15	6	8
950	95	5	15	15	15	15	15	15	
960	96	5	15	15	15	15	15	8	8
970	97	5	15	15	15	15	15	9	8
980	98	5	15	15	15	15	15	9	9
990	99	5	15	15	15	15	15	10	9
1000	100	5	15	15	15	15	15	10	10

CONVEYOR CAPACITY

All straight track must add up to an even number of feet.

Allow one (1) Link per foot of straight track in any conveyor.

The following number of Links should be allowed for these turns:

Any Drive End or Return End	5 Links
90° Turn	10 Links
Complete 45° Riser	12 Links

J - BOLT ASSEMBLY

C2210 J-Bolt Assembly

This assembly is used on all model conveyors.

CONVEYORS WITH TURNS

All overhead conveyors use C1071 Idler End. Floor model conveyors with turns use C167 Return End with Idler. For all straight floor model conveyors with single drive end use C169 Return End.

C169 Idlers are used with:

- 1 Floor with turns 810 garments up
get Idlers on all turns and ends.
- 2 Up & down with turns 810 garments up
get heavy duty idlers on turns and drive end.

Turns can be butted directly into 45° track bends but straight track must be provided to adjust for overlap in Links elsewhere in the conveyor.

OVERHEAD CONVEYORS

Maximum Power Strut length:

8' - 0" Preferred
10' - 0" Maximum

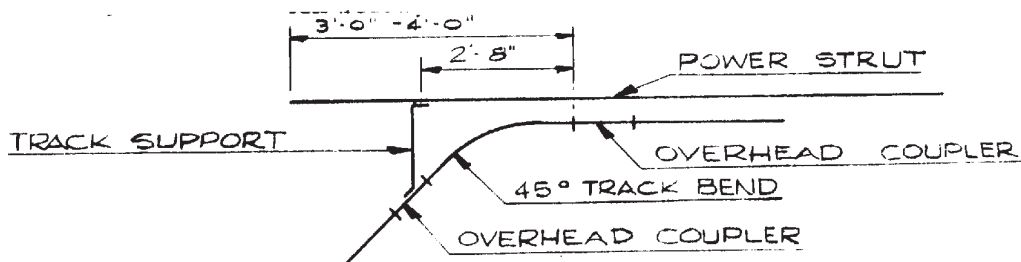
Power strut is spliced together with a C2191 strut splice.

Strut straps are necessary to hold power strut to ceiling:

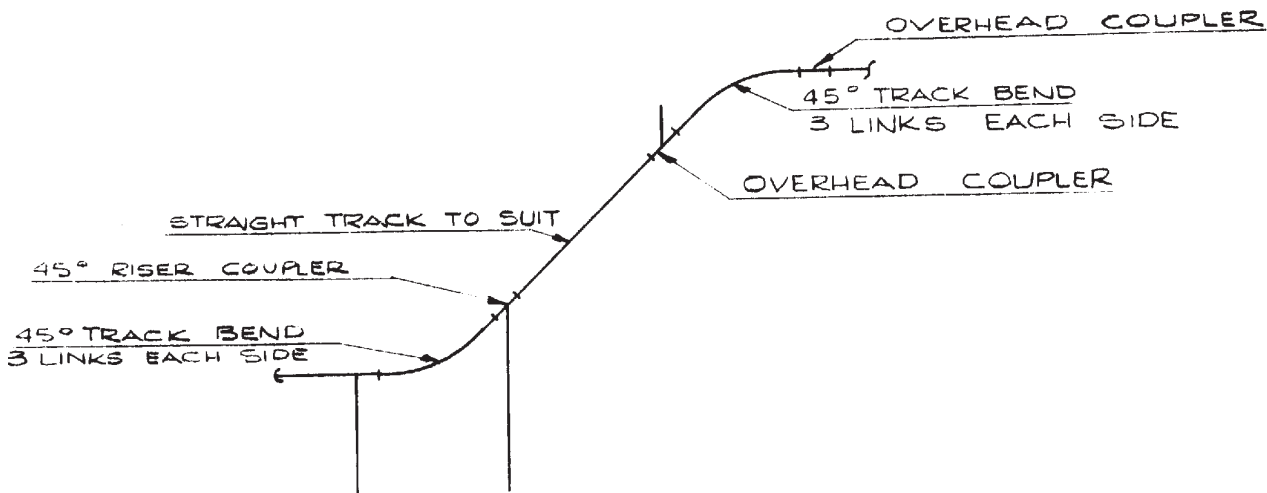
Locate every 4' - 0" Preferred
5' - 0" Maximum

Power strut should extend a minimum of 3" over drive end of overhead conveyor.

Power strut should extend a minimum of 3' - 0" and a maximum of 4' - 0" beyond overhead rise section (see sketch below).



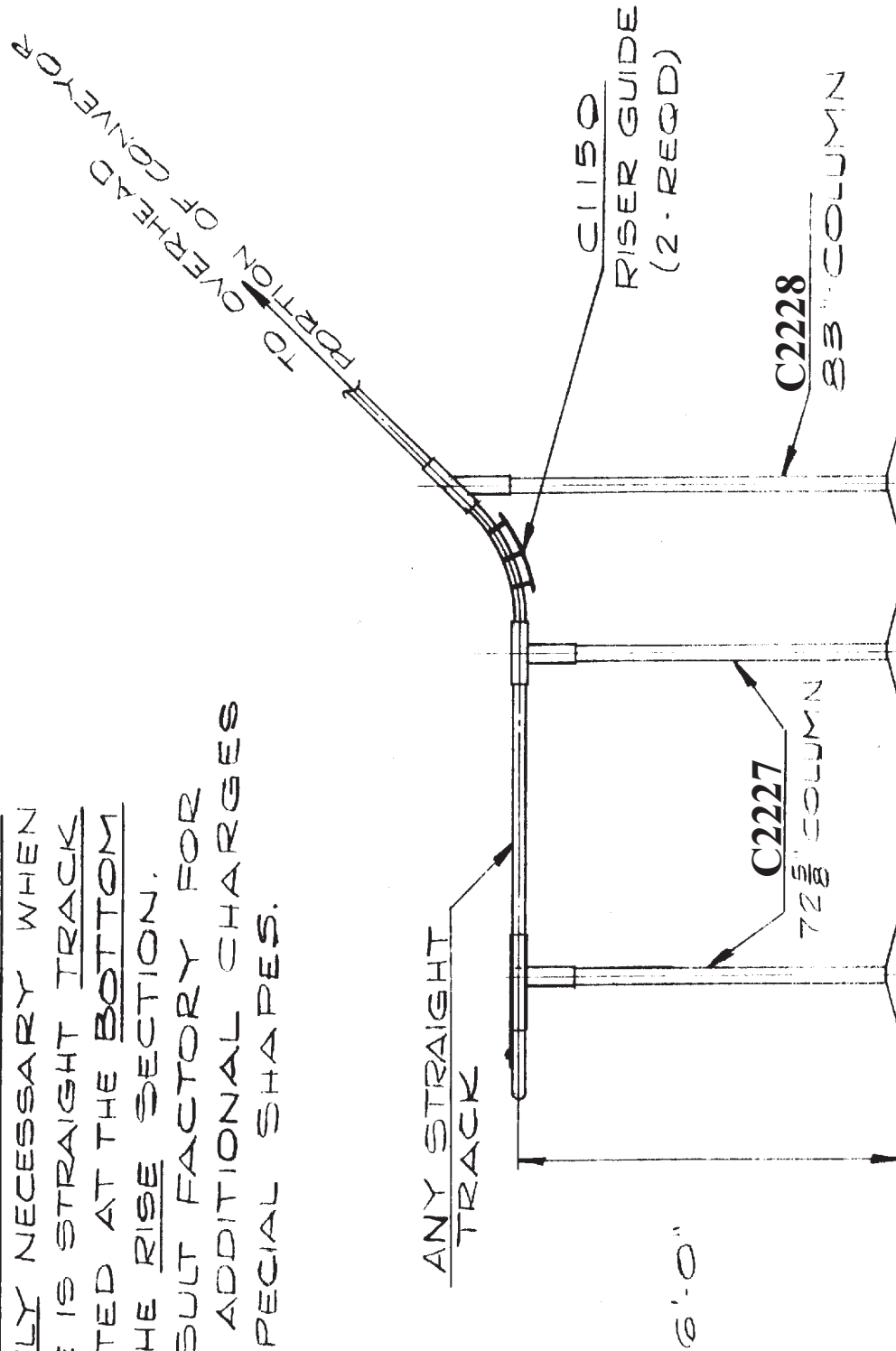
RISE SECTION

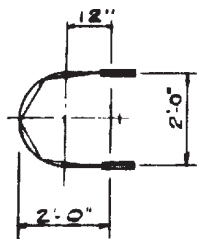


SPECIAL RISER GUIDE

NOTE:

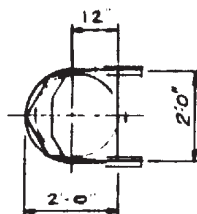
THE SPECIAL RISER GUIDE
IS ONLY NECESSARY WHEN
THERE IS STRAIGHT TRACK
LOCATED AT THE BOTTOM
OF THE RISE SECTION.
CONSULT FACTORY FOR
ANY ADDITIONAL CHARGES
OR SPECIAL SHAPES.





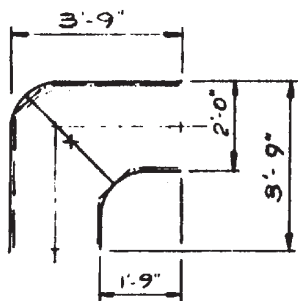
RETURN ENDS 5 LINKS TYPICAL

C1600 Return End with Heavy Duty Idlers Floor
 C167 Return End with Idler Floor Model
 C169 Return End for Idler Later
 C1071 Return End with Idler Overhead
 C1072 Return End with Idler Ovhd. for Auto Selector Unit
 Use C167 on any Floor Model with turns
 C1071 is to be located on floor



DRIVE ENDS 5 LINKS TYPICAL

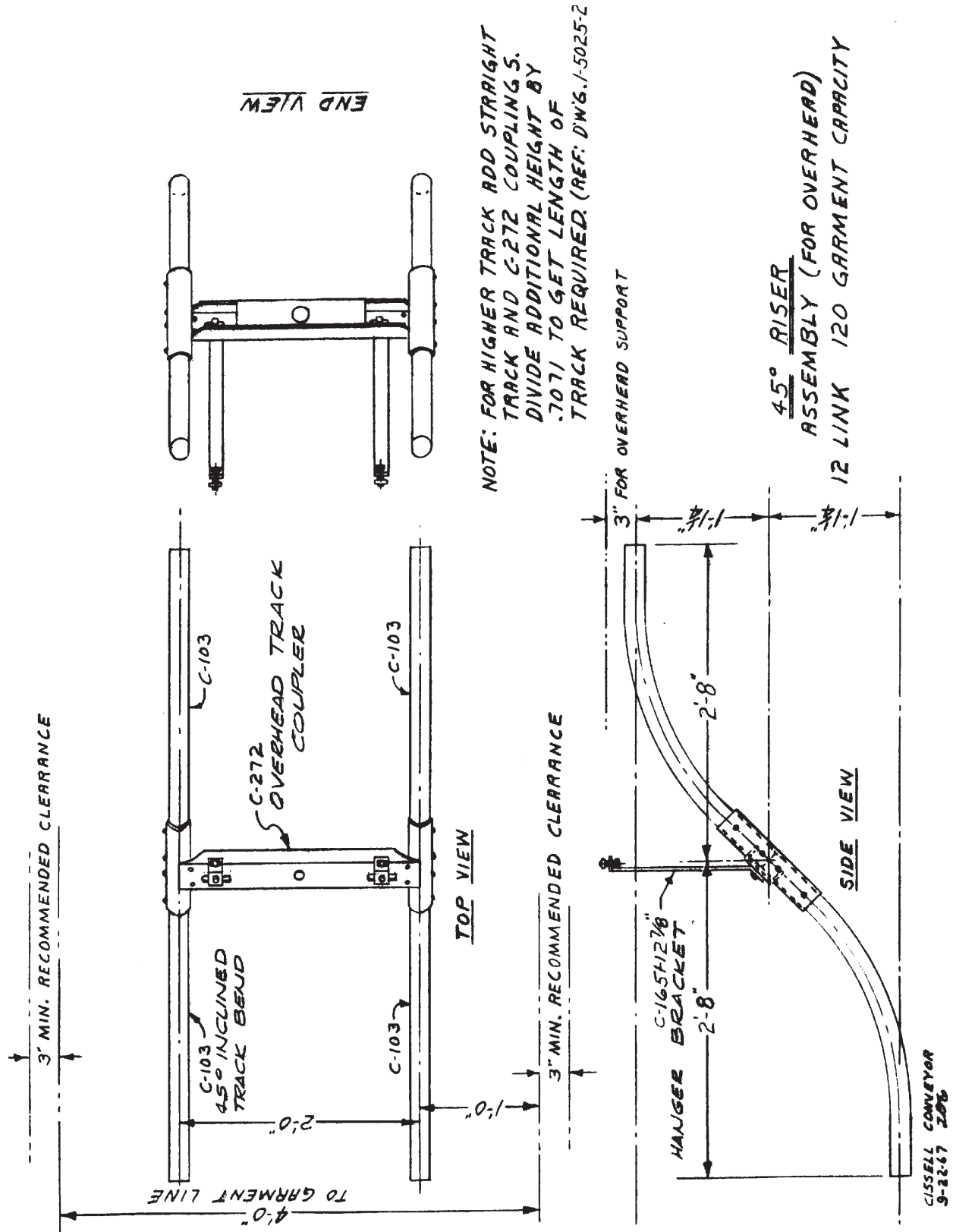
For Part Numbers, see Drive Assembly Chart



90° TURN 10 LINKS TYPICAL

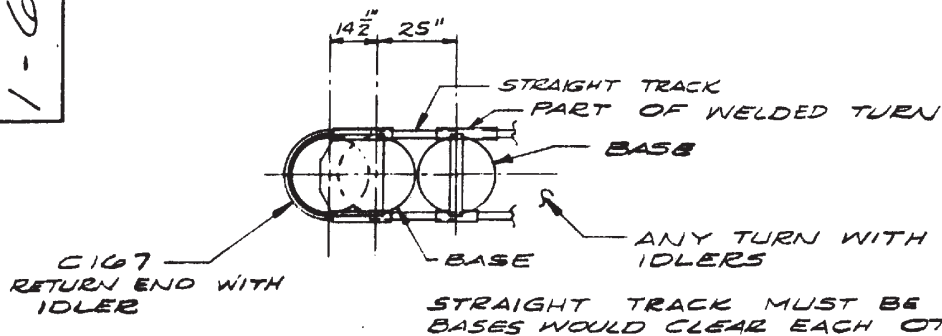
C760	90°	Turn Asm.	With Idlers	Overhead
C780	90°	Turn Asm.	With Idlers	Floor Model
C1460	90°	Turn Asm.	With Heavy Duty Idlers	Overhead use 810 Garment & Above
C1805	90°	Turn Asm.	With Heavy Duty Idlers (H.D.I.) use 810	Floor Model Garment and Above

Use C760 on all Overhead Conveyors. 800 Garment and Below
 Use C780 on Floor Model Conveyors 800 Garment and Below

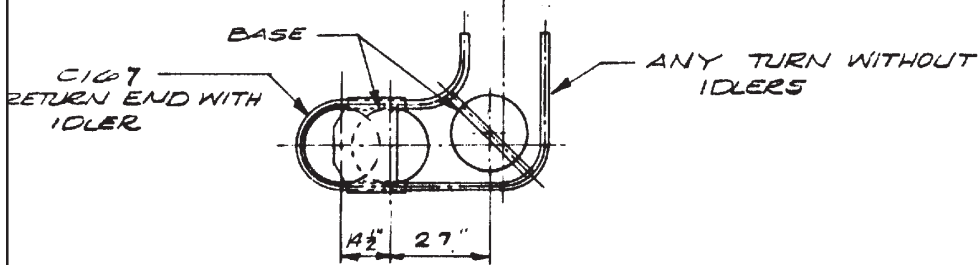


1-6326

SHORTEST TRACK SPAN BETWEEN RETURN END AND ANY TURN REQUIRING IDLERS



WHEN TURNS NOT REQUIRING IDLERS
ARE USED A RETURN END CAN BE
BUTTED DIRECTLY INTO THE TURN



REVISIONS

± 1/64" ON FRACTIONS
± .005" ON DECIMALS
UNLESS OTHERWISE NOTED

TITLE: MINIMUM DISTANCE
REQUIRED TO INSTALL RETURN END

SCALE: 1/4" = 1' - 0"

FIRST USED ON:

PRODUCT NO:

MATERIAL:

MODEL NO.:

FINISH:

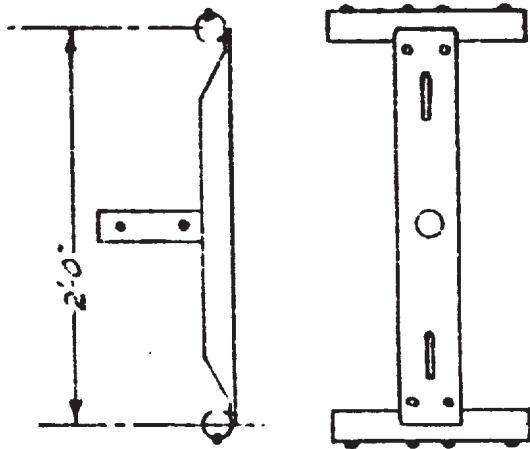
BLANK SIZE:

DR. BY: WOODY WILSON DATE: 4-4-73

CK. BY: DATE:

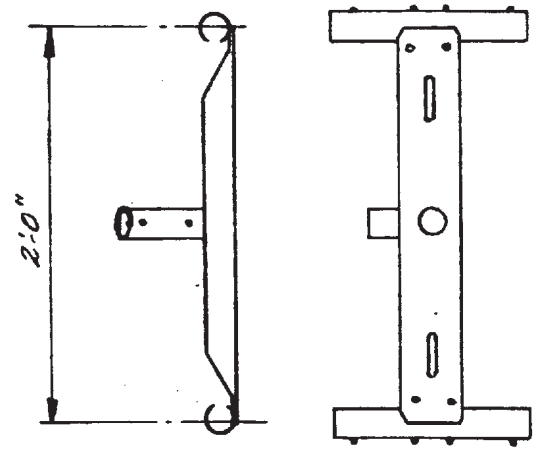
W. M. CISSELL MANUFACTURING COMPANY
831 S. First • P.O. Box 1143 • Louisville, Ky.

PART
NO.: 1-6326



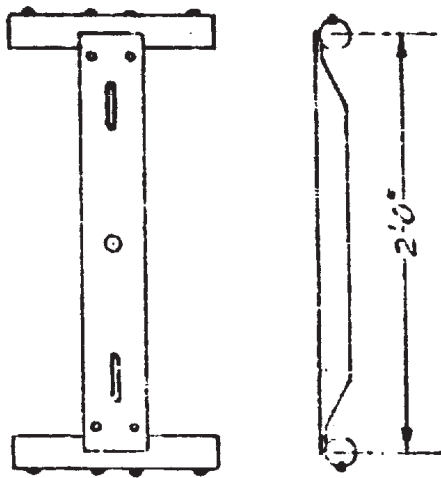
C-120

FLOOR MODEL COUPLER



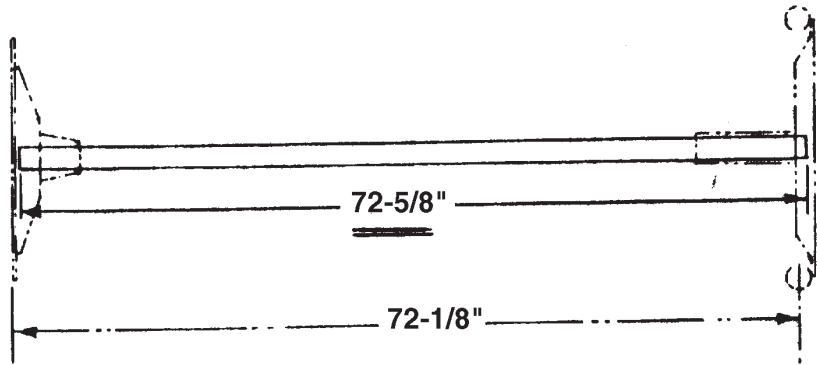
C-176

OVERHEAD RISER COUPLER

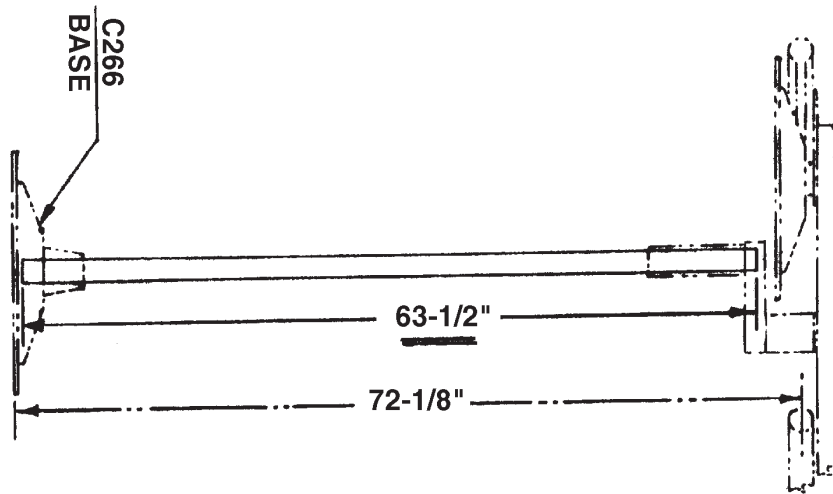


C-272

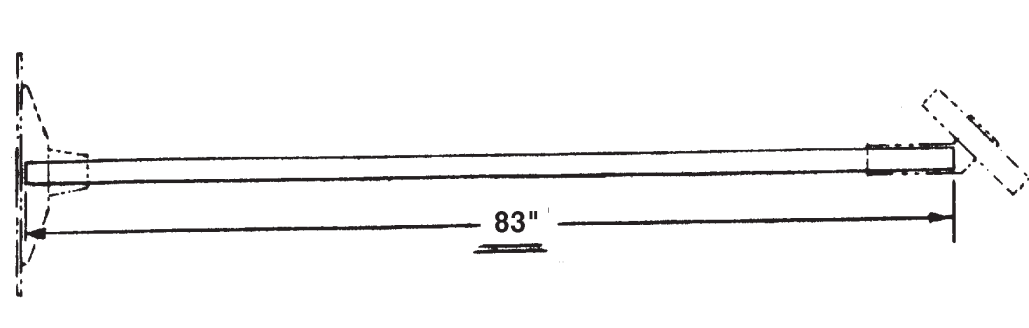
OVERHEAD MODEL COUPLER



C2227
STANDARD COLUMN



C2258
IDLER ELL COLUMN



C2228
45° RISER COLUMN

SPECIFY LENGTH

CISSELL
CONVEYOR
5-6-96 MH

COMMONLY USED PART NUMBERS

Standard Track Lengths

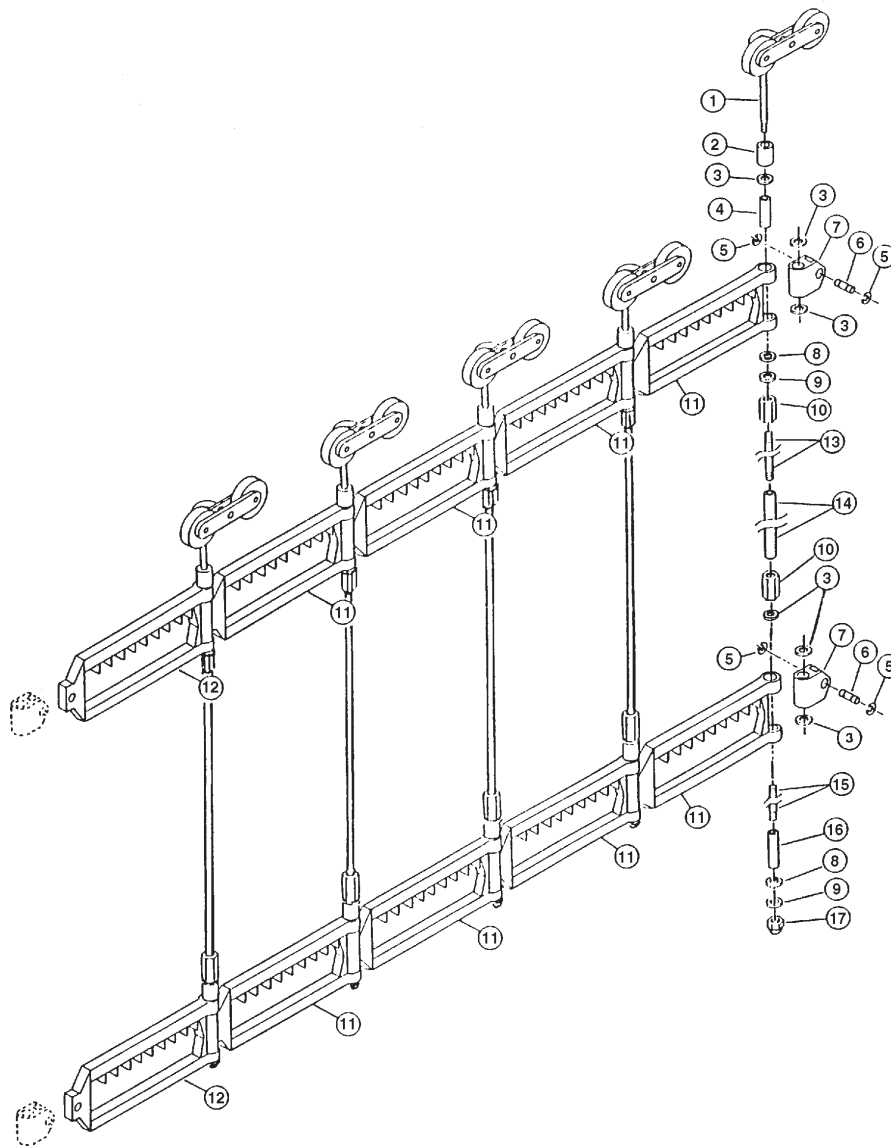
C590	Straight Track	3' - 6" Long
C591	Straight Track	4' - 0" Long
C593	Straight Track	4' - 6" Long
C595	Straight Track	5' - 0" Long
C597	Straight Track	5' - 6" Long
C600	Straight Track	3' - 0" Long

Conveyor Power Strut

C632	Power Strut	2' Long
C633	Power Strut	3' Long
C634	Power Strut	4' Long
C635	Power Strut	5' Long
C636	Power Strut	6' Long
C637	Power Strut	7' Long
C638	Power Strut	8' Long
C639	Power Strut	9' Long
C640	Power Strut	10' Long
C641	Power Strut	11' Long
C642	Power Strut	12' Long
C643	Power Strut	13' Long
C644	Power Strut	14' Long
C645	Power Strut	20' Long
SC134	Power Strut	68' Long

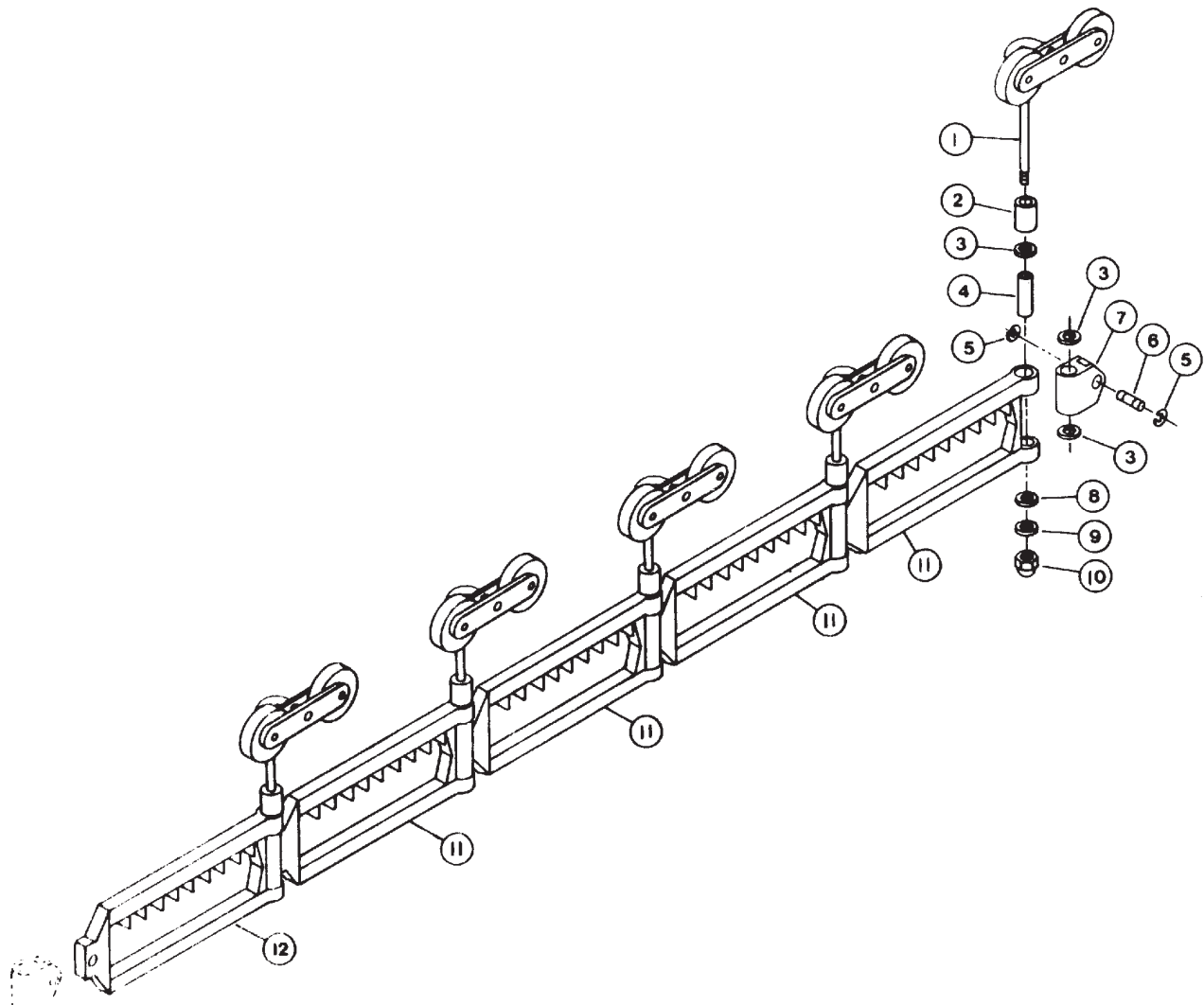
Conveyor Conduit

C318	1/2" EMT Conduit for Drive End	
C319	1/2" EMT Conduit for Return End	
C701	1/2" EMT Conduit	1' Long
C702	1/2" EMT Conduit	2' Long
C703	1/2" EMT Conduit	3' Long
C704	1/2" EMT Conduit	4' Long
C705	1/2" EMT Conduit	5' Long
C706	1/2" EMT Conduit	6' Long
C707	1/2" EMT Conduit	7' Long
C708	1/2" EMT Conduit	8' Long
C709	1/2" EMT Conduit	9' Long
C710	1/2" EMT Conduit	10' Long
C711	1/2" EMT Conduit	5' Long For 90° E11



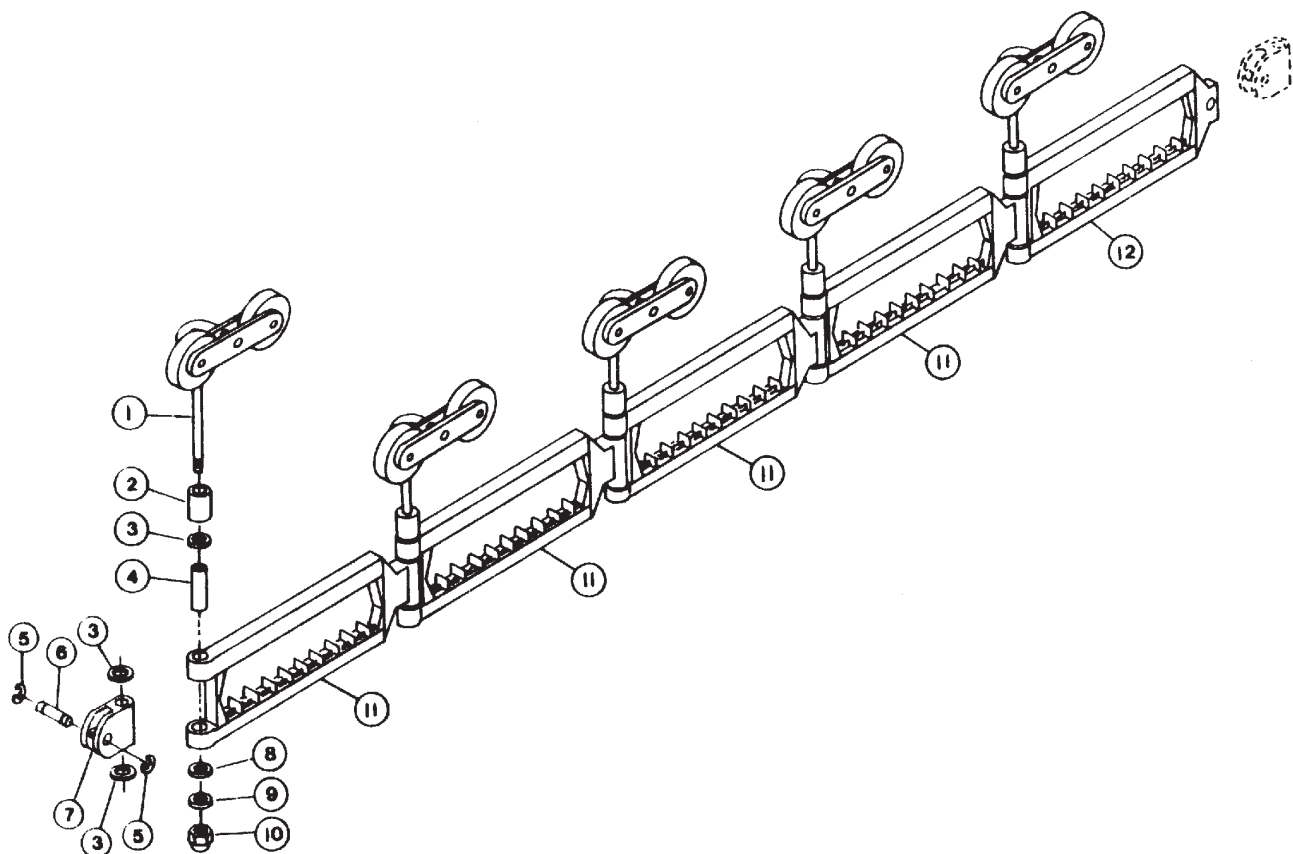
**TYPE "B" FLOOR MODEL LINK SECTION FOR DOUBLE DECK
BAR DOWN - NO DIVIDERS**

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C-2210	"J" Bolt Assembly	10	C-406	3/8" - 16 Spacer
2	C-343	Drive Collar	11	C-118	Type "B" Floor Link
3	C-1735	Link Washer	12	C-195	Type "B" Floor Connector Link
4	C-1601	Link Bushing	13	C-407	Suspension Rod
5	F-489	"E" Ring	14	C-440	Plastic Sleeve
6	C-110	Swivel Connector Pin	15	C-408	Link Pin
7	C-109	Swivel Connector	16	C-1608	Link Bushing
8	C-1784	Load Washer	17	C-149	3/8" Crown Nut
9	C-147	3/8" Flat Washer			



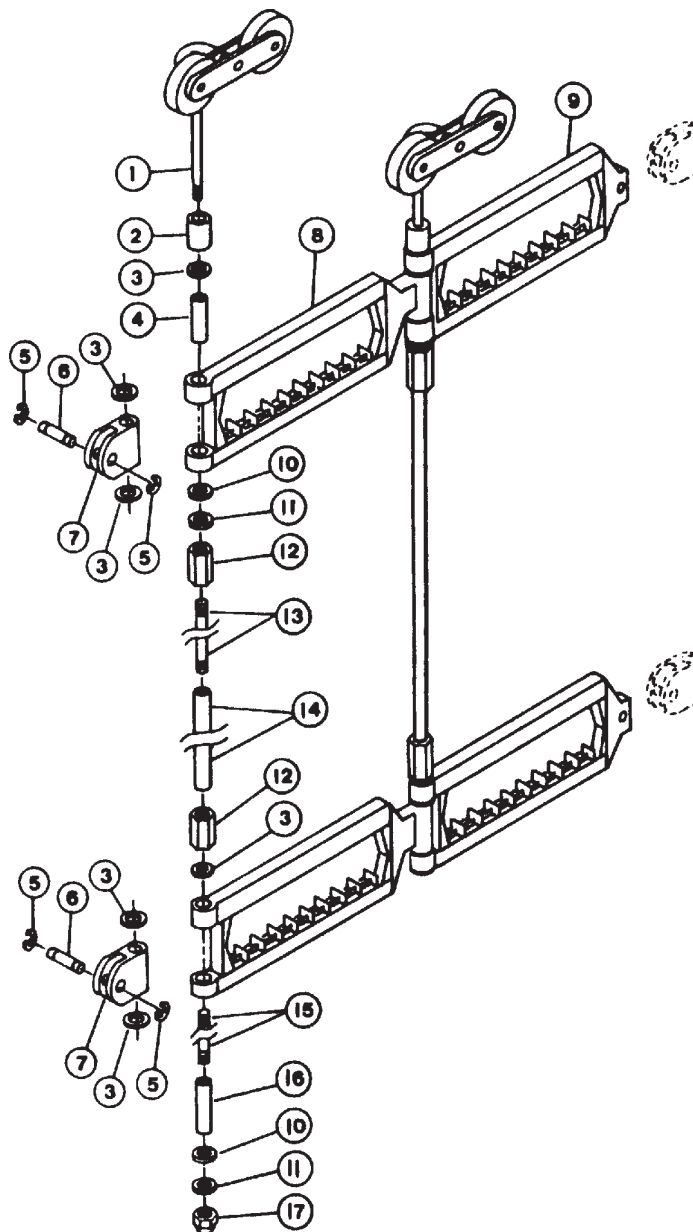
**TYPE "B" FLOOR MODEL LINK SECTION
BAR DOWN - NO DIVIDERS**

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C-2210	"J" Bolt Assembly
2	C-343	Drive Collar
3	C-1735	Link Washer
4	C-1601	Link Bushing
5	F-489	"E" Ring
6	C-110	Swivel Connector Pin
7	C-109	Swivel Connector
8	C-1784	Load Washer
9	C-147	3/8" Flat Washer
10	C-149	3/8" Crown Nut
11	C-118	Type "B" Floor Link
12	C-195	Type "B" Floor Connector Link



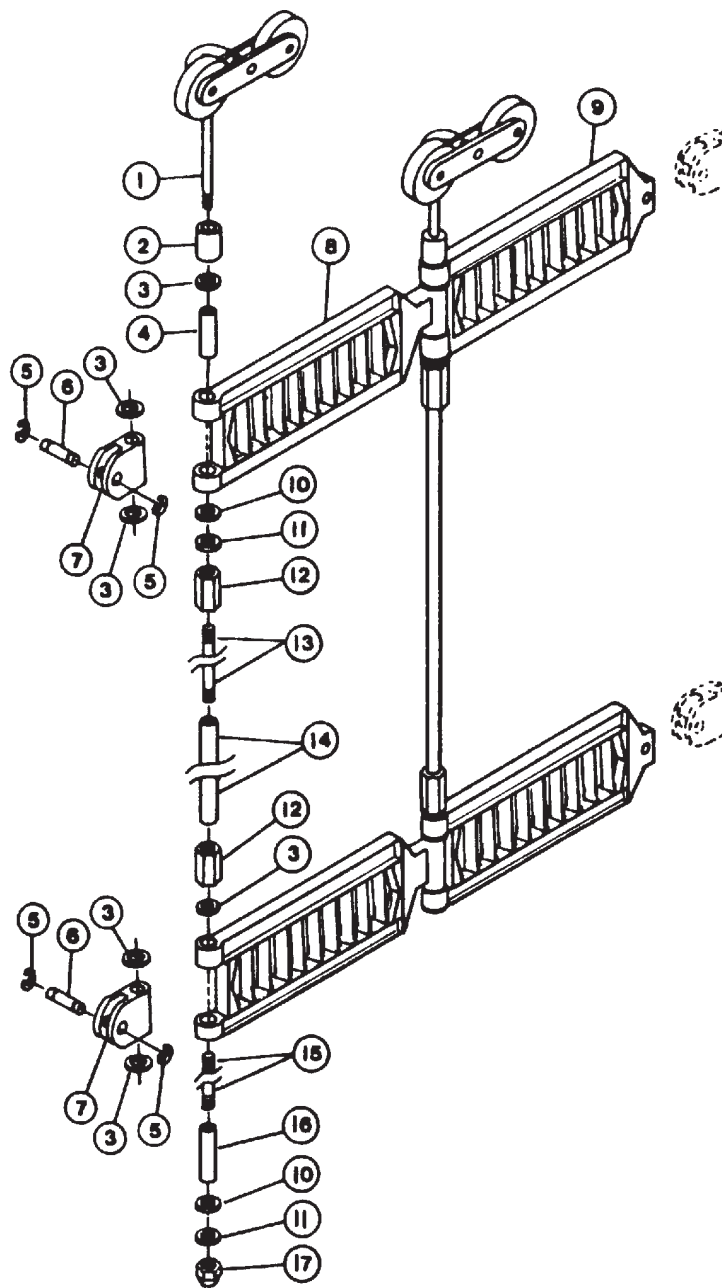
**TYPE "N" FLOOR MODEL LINK SECTION
NOTCHES DOWN - 10 DIVISIONS**

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C-2210	"J" Bolt Assembly
2	C-343	Drive Collar
3	C-1735	Link Washer
4	C-1601	Link Bushing
5	F-489	"E" Ring
6	C-110	Swivel Connector Pin
7	C-109	Swivel Connector
8	C-1784	Load Washer
9	C-147	3/8" Flat Washer
10	C-149	3/8" Crown Nut
11	C-118	Type "N" Floor Link
12	C-195	Type "N" Floor Connector Link



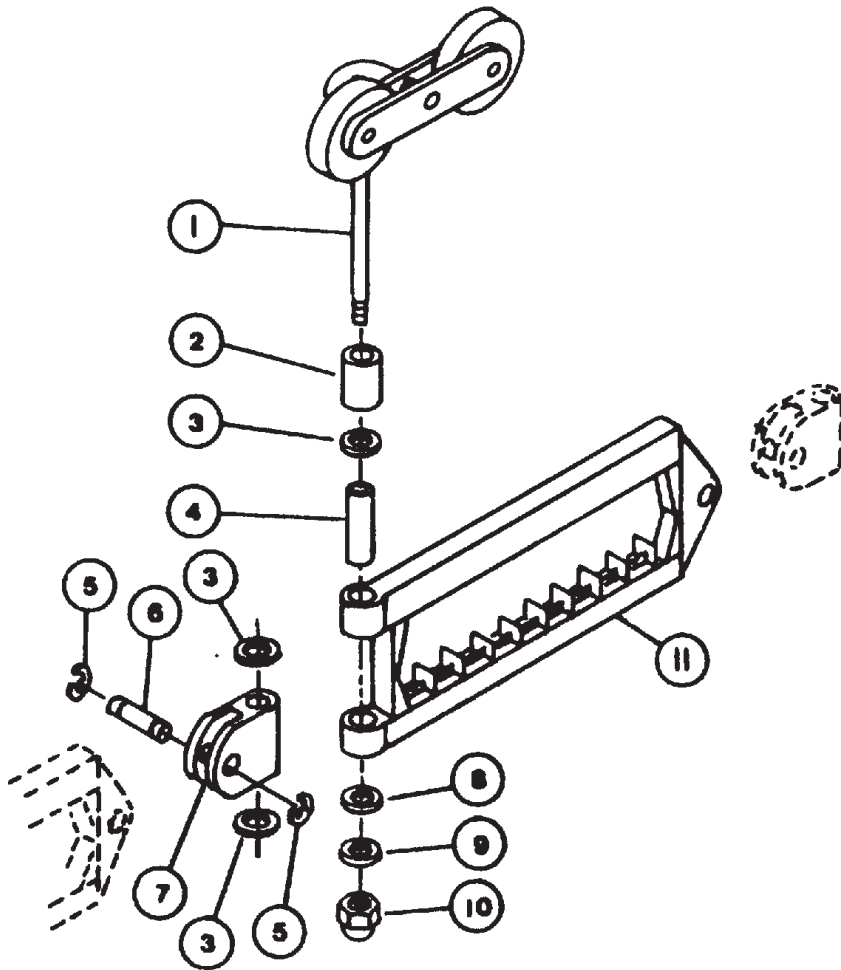
TYPE "N" FLOOR MODEL LINK SECTION FOR DOUBLE DECK

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C-2210	"J" Bolt Assembly	10	C-1784	Load Washer
2	C-343	Drive Collar	11	C-147	3/8" Flat Washer
3	C-1735	Link Washer	12	C-406	3/8 - 16 Spacer
4	C-1601	Link Bushing	13	C-407	Suspension Rod
5	F-489	"E" Ring	14	C-440	Plastic Sleeve
6	C-110	Swivel Connector Pin	15	C-408	Link Pin
7	C-109	Swivel Connector	16	C-1608	Link Bushing
8	C-118	Type "N" Floor Model Link	17	C-149	3/8" Crown Nut
9	C-195	Type "N" Floor Connector Link			



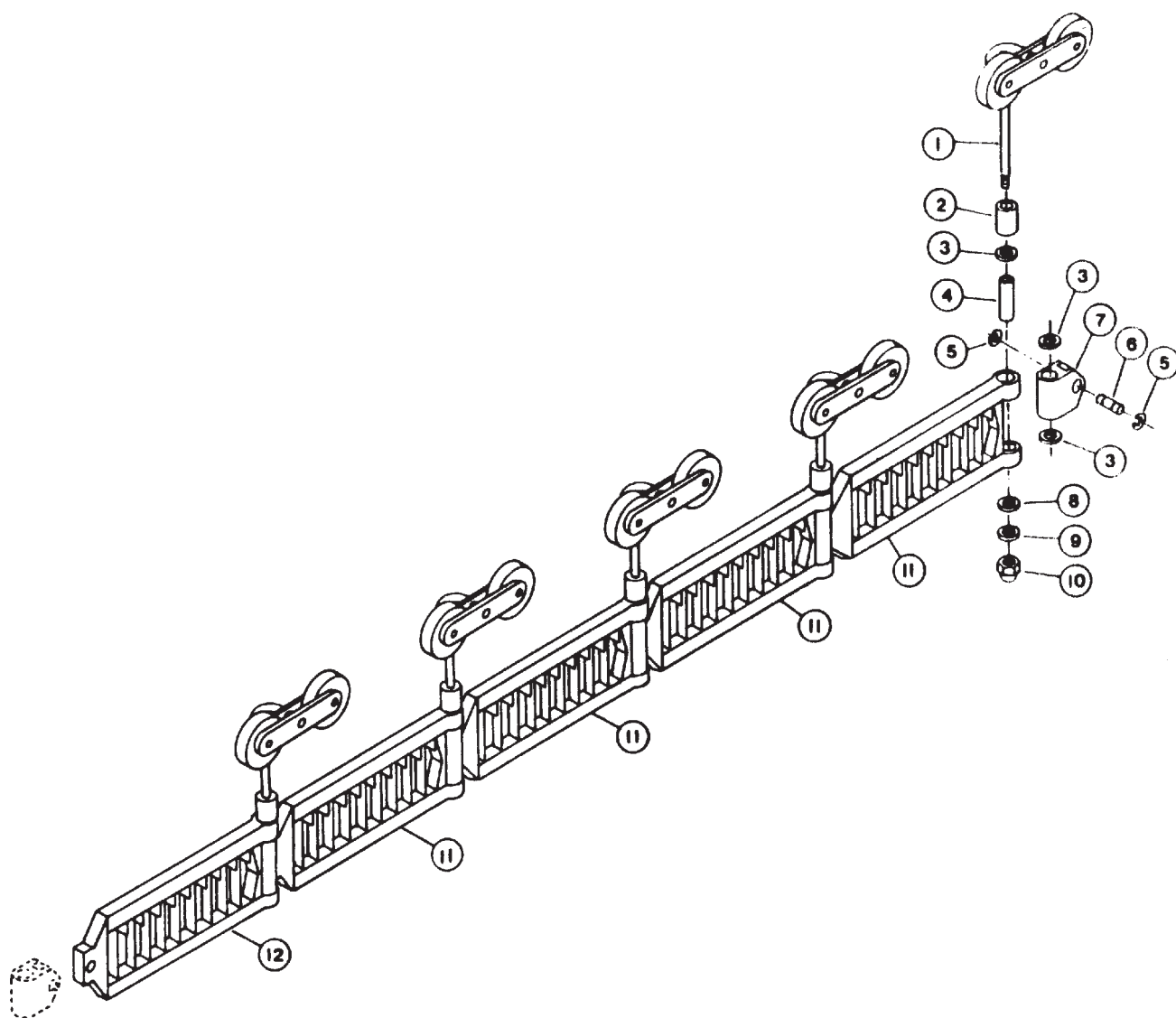
TYPE "S" FLOOR MODEL LINK SECTION FOR DOUBLE DECK

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C-2210	"J" Bolt Assembly	10	C-1784	Load Washer
2	C-343	Drive Collar	11	C-147	3/8" Flat Washer
3	C-1735	Link Washer	12	C-406	3/8 - 16 Spacer
4	C-1601	Link Bushing	13	C-407	Suspension Rod
5	F-489	"E" Ring	14	C-440	Plastic Sleeve
6	C-110	Swivel Connector Pin	15	C-408	Link Pin
7	C-109	Swivel Connector	16	C-1608	Link Bushing
8	C-892	Type "S" Floor Model Link	17	C-149	3/8" Crown Nut
9	C-894	Type "S" Floor Connector Link			



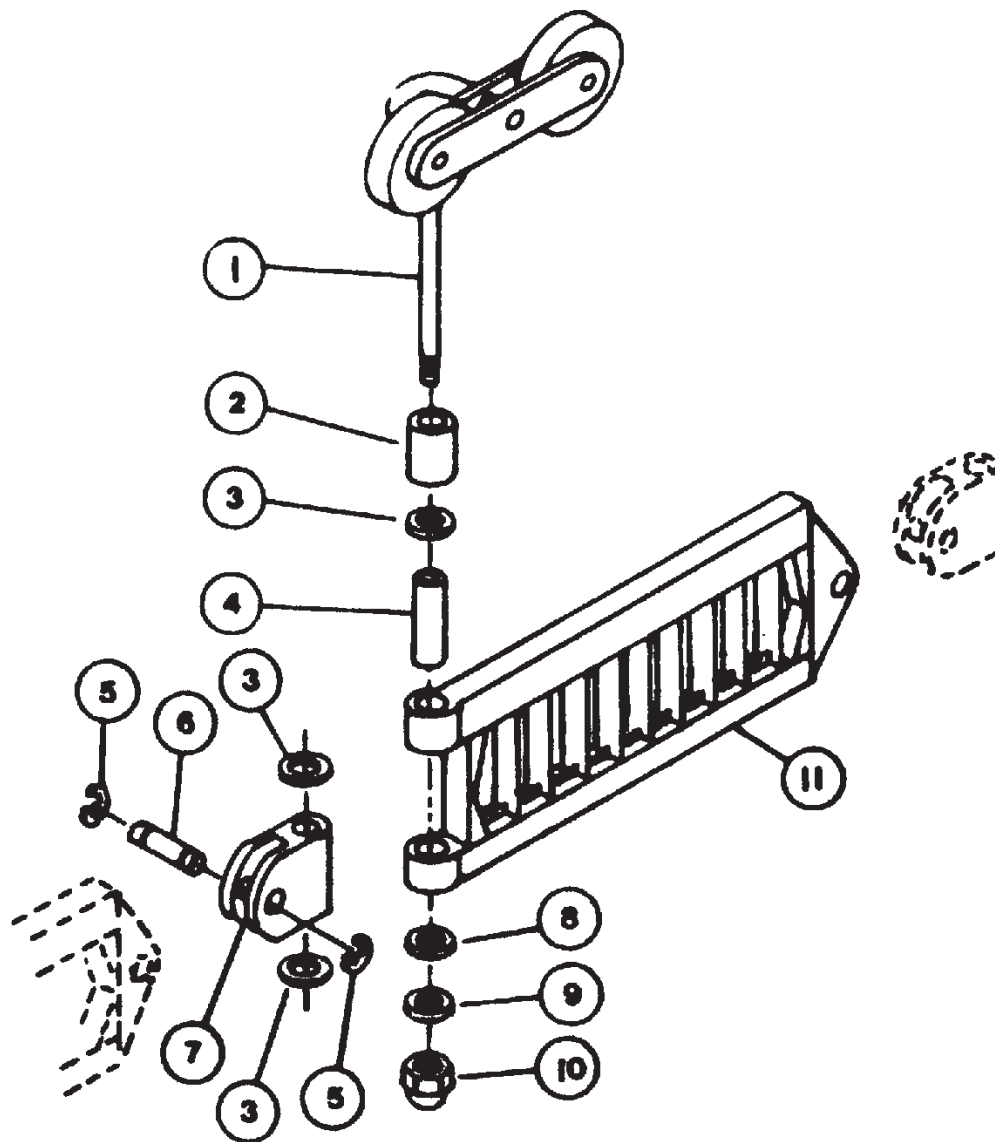
TYPE "N" OVERHEAD MODEL LINK SECTION - PART NO. C-1761
NOTCHES DOWN - 10 DIVISIONS

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C-2210	"J" Bolt Assembly
2	C-343	Drive Collar
3	C-1735	Link Washer
4	C-1601	Link Bushing
5	F-489	"E" Ring
6	C-110	Swivel Connector Pin
7	C-109	Swivel Connector
8	C-1784	Load Washer
9	C-147	3/8" Flat Washer
10	C-149	3/8" Crown Nut
11	C-108	Type "N" Overhead Link



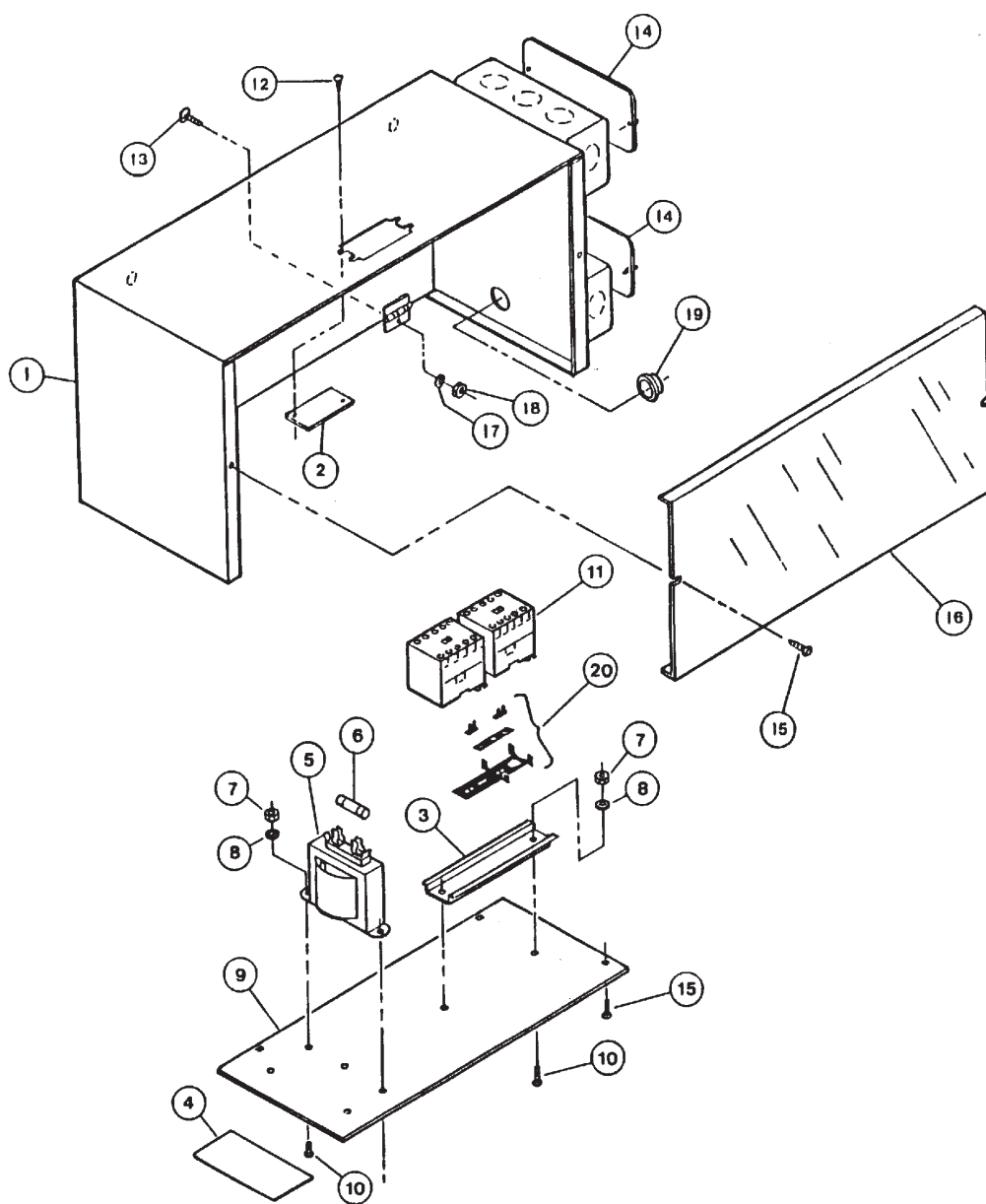
TYPE "S" FLOOR MODEL LINK SECTION

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C-2210	"J" Bolt Assembly
2	C-343	Drive Collar
3	C-1735	Link Washer
4	C-1601	Link Bushing
5	F-489	"E" Ring
6	C-110	Swivel Connector Pin
7	C-109	Swivel Connector
8	C-1784	Load Washer
9	C-147	3/8" Flat Washer
10	C-149	3/8" Crown Nut
11	C-892	Type "S" Floor Link
12	C-894	Type "S" Floor Connector Link



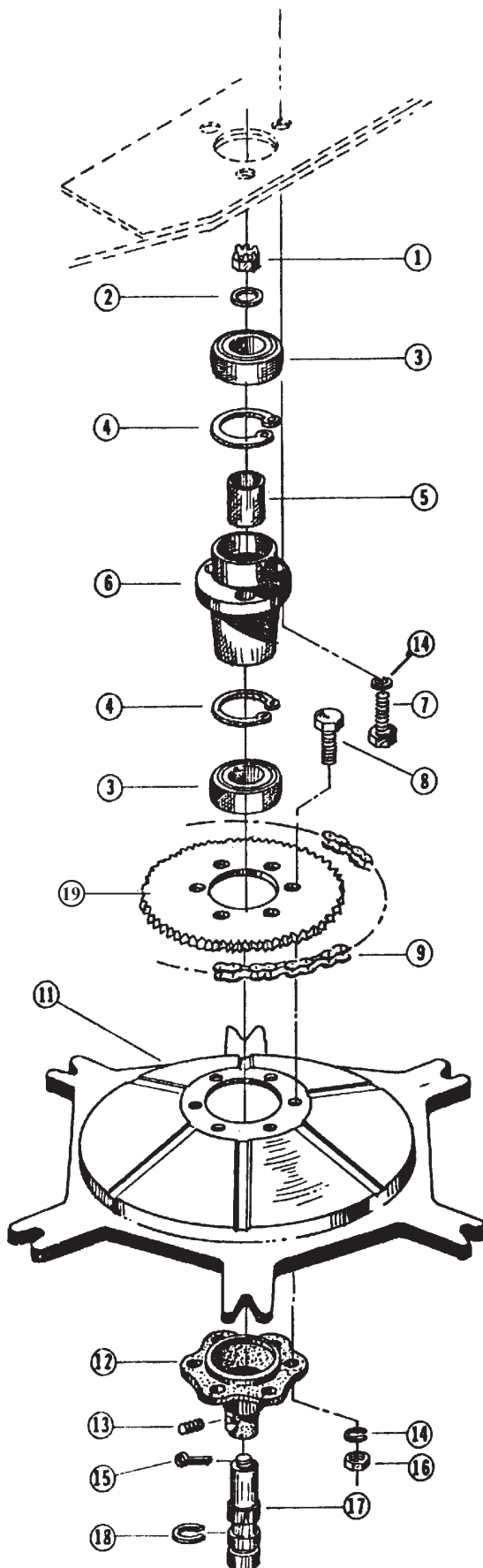
TYPE "S" OVERHEAD MODEL LINK SECTION - PART NO. C-1771

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C-2210	"J" Bolt Assembly
2	C-343	Drive Collar
3	C-1735	Link Washer
4	C-1601	Link Bushing
5	F-489	"E" Ring
6	C-110	Swivel Connector Pin
7	C-109	Swivel Connector
8	C-1784	Load Washer
9	C-147	3/8" Flat Washer
10	C-149	3/8" Crown Nut
11	C-891	Type "S" Overhead Link



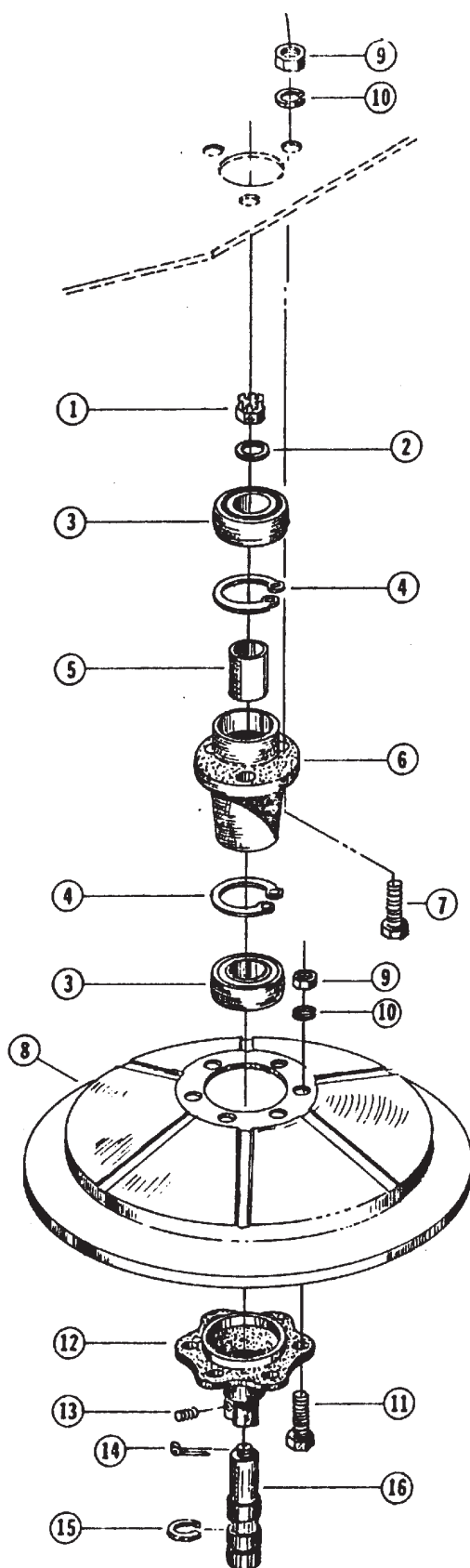
CONTROL BOX

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C1844	Control Box	12	TU3268	#6-32 x 1/2 Screw
2	C1912	Closure Plate	13	TU3479	#10-32 x 7/16 Truss
3	C2085	Contractor Rail	14	SB180	Switch Box Cover
4	C183	Rating Nameplate			Head Screw
5	C2083	Transformer w/Fuse	15	TU7733	#8 Self Drill Screw
6	C2097	Replacement Fuse	16	C1843	Control Box Cover
7	TU3266	#8-32 Hex Nut	17	FB187	#10 Lockwasher
8	FB87	#8 Lockwasher	18	TU2842	#10-32 Hex Nut
9	C2086	Bottom Panel	19	TU2372	Bushings (2)
10	SV332	#8-32 x 3/8 Machine Scr.	20	C2084	Mechanical Interlock
11	C2061	Reversing Contractor (2)			



C-300 LINK DRIVE SPROCKET ASSEMBLY

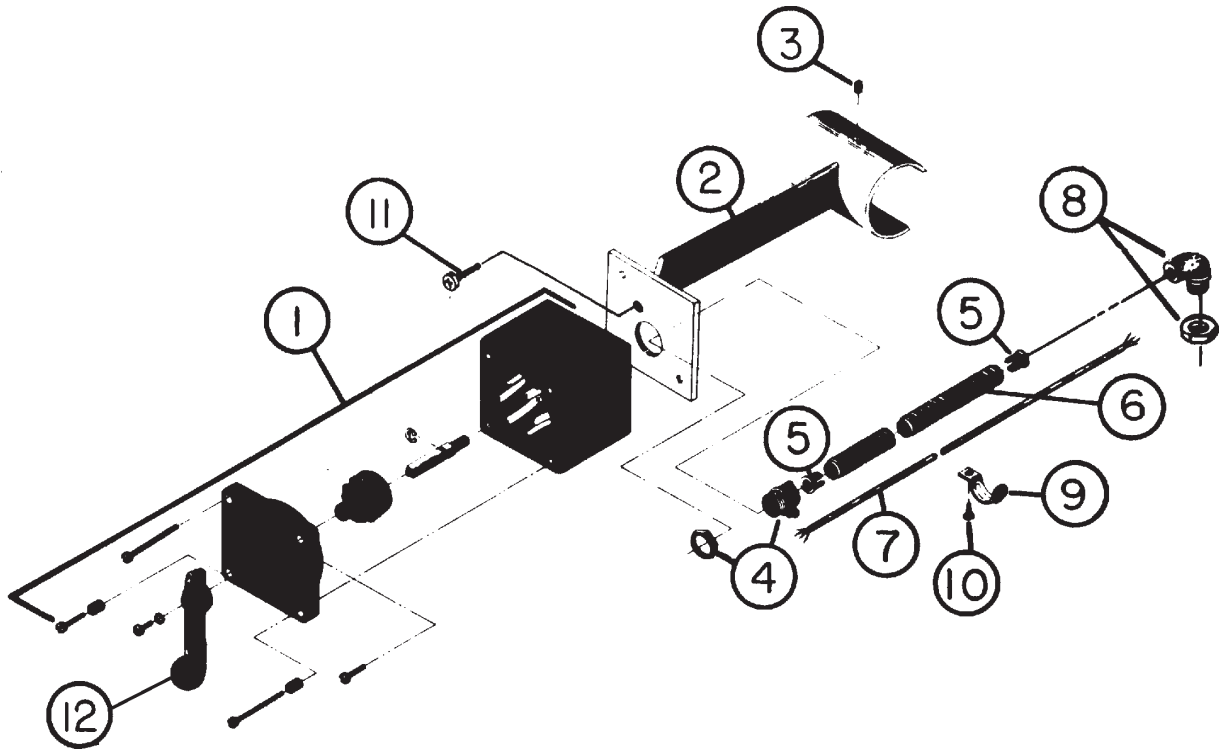
<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C310	3/8"-24 Castle Nut
2	C227	13/16" Washer
3	C217	Ball Bearing (2 req'd.)
4	C143	Retaining Ring
5	C228	Sleeve Spacer
6	C129	Bearing Housing
7	C363	5/16"-18 x 1 1/4" Hex Head Cap Screw
8	C363	5/16"-18 x 1 1/4" Cap Screw (3 req'd.)
9	C209	#40 Chain 1/2 Pitch 58" Lg.
11	C119	Link Drive Sprocket
12	C125	Link Sprocket Support
13	OP265	3/8-16 x 1/2 Set Screw
14	TU2814	5/16" Split Lockwasher
15	TU3604	Cotter Pin
16	C249	5/16"-18 Hex Nut
17	C2118	Sprocket Shaft
18	C139	Retaining Ring
19	C130	60 Tooth Driven Sprocket



C-301 IDLER WHEEL ASSEMBLY

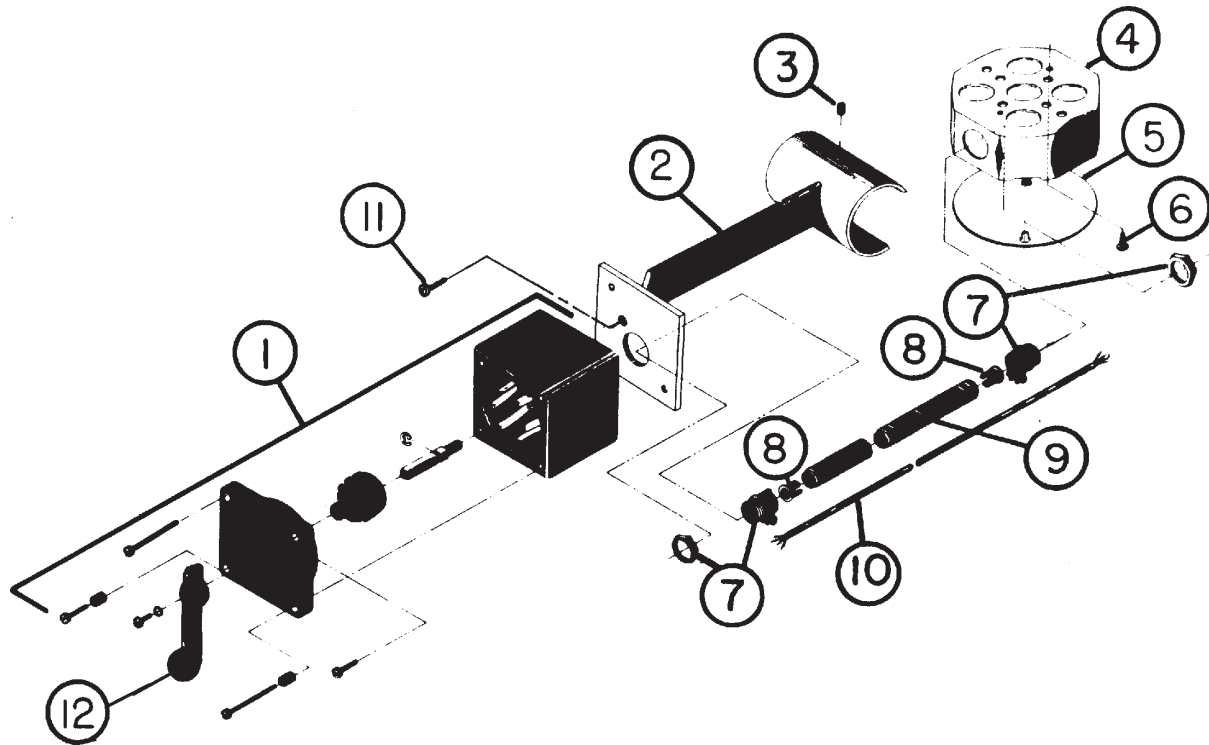
<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C310	3/8"-24 Castle Nut
2	C227	13/16" Washer
3	C217	Ball Bearing (2 req'd.)
4	C143	Retaining Ring
5	C228	Sleeve Spacer
6	C129	Bearing Housing
7	FB124	5/16"-18 x 1 1/4" Hex Head Cap Screw
8	C189	Idler Wheel
9	C249	5/16"-18 Hex Nut
10	TU2814	5/16" Split Lockwasher
11	FB124	5/16"-18 x 1 1/4" Hex Head Cap Screw
12	C125	Link Sprocket Support
13	OP265	3/8-16 x 1/2 Set Screw
14	TU3604	Cotter Pin
15	C139	Retaining Ring
16	C1337	Sprocket Shaft

**Manual Reversing Switch
for Drive End w/Ground
C1501**



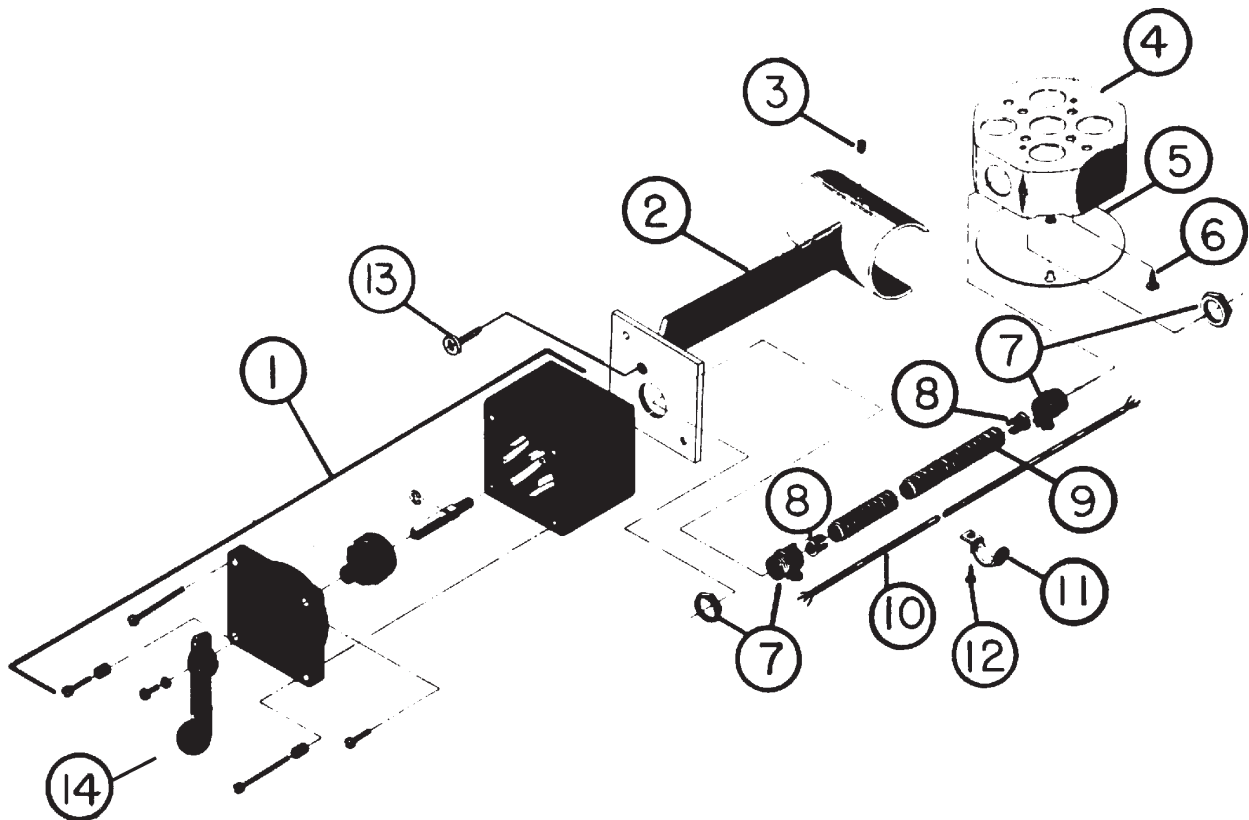
<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C1034	Reversing Switch
2	C1341	Manual Control Bracket
3	F566	1/4" - 20 x 1/2" Allen Set Screw
4	C1365	Straight Connector
5	C170	Plastic Bushing
6	02-6081-221	5/16" Flexible Conduit (55" Long)
7	C1515	4 Wire Low Voltage Cable Assembly
8	F876	90° Elbow Connector
9	C257	Conduit Strap
10	TU3218	#8-32 x 7/16 Self Drilling Screw
11	M261	#8-32 x 1/4 Self Taping Screw
12	C1199	Handle, F/Reverse

Manual Reversing Switch for Return End w/Ground C1500



<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C1034	Reversing Switch
2	C1341	Manual Control Bracket
3	F566	1/4" - 20 x 1/4" Allen Set Screw
4	TU2334	Junction Box
5	TU2335	Junction Box Cover
6	TU2878	#10 x 5/8" Sheet Metal Screw
7	C1365	Straight Connector
8	C170	Plastic Bushing
9	02-6081-221	5/16" Flexible Conduit (28" Long)
10	C1514	4 Wire Low Voltage Cable Assembly
11	M261	#8-32 x 1/4 Self Taping Screw
12	C1199	Handle, F/Reverse Switch

**Manual Reversing Switch
for Idler End w/Ground
C1504**



<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
1	C1034	Reversing Switch
2	C1341	Manual Control Bracket
3	F566	1/4" - 20 x 1/4" Allen Set Screw
4	TU2334	Junction Box
5	TU2335	Junction Box Cover
6	TU2878	#10 x 5/8" Sheet Metal Screw
7	C1365	Straight Connector
8	C170	Plastic Bushing
9	02-6081-221	5/16" Flexible Conduit (42" Long)
10	C1516	4 Wire Low Voltage Cable Assembly
11	C257	Conduit Strap
12	TU3218	#8-32 x 7/16 Self Drilling Screw
13	M261	#8-32 x 1/4 Self Taping Screw
14	C1199	Handle, F/Reverse Switch

WARRANTY

The Cissell Manufacturing Company (Cissell) warrants all new equipment (and the original parts thereof) to be free from defects in material or workmanship for a period of one (1) year from the date of sale thereof to an original purchaser for use, except as hereinafter provided. With respect to non-durable parts normally requiring replacement in less than one (1) year due to normal wear and tear, including, but not limited to, cloth goods, valve discs, hoses, and iron cords, and with respect to all new repair or replacement parts for Cissell equipment for which the one (1) year warranty period has expired, or for all new repair or replacement parts for equipment other than Cissell equipment, the warranty period is limited to ninety (90) days from date of sale. The warranty period on each new replacement part furnished by Cissell in fulfillment of the warranty on new equipment or parts shall be for the unexpired portion of the original warranty period on the part replaced.

With respect to electric motors, coin meters and other accessories furnished with the new equipment, but not manufactured by Cissell, the warranty is limited to that provided by the respective manufacturer.

Cissell's total liability arising out of the manufacture and sale of new equipment and parts, whether under the warranty or caused by Cissell's negligence or otherwise, shall be limited to Cissell repairing or replacing, at its option, any defective equipment or part returned f.o.b. Cissell's factory, transportation prepaid, within the applicable warranty period and found by Cissell to have been defective, and in no event shall Cissell be liable for damages of any kind, whether for any injury to persons or property or for any special or consequential damages. The liability of Cissell does not include furnishing (or paying for) any labor such as that required to service, remove or install; to diagnose troubles; to adjust, remove or replace defective equipment or a part; nor does it include any responsibility for transportation expense which is involved therein.

The warranty of Cissell is contingent upon installation and use of its equipment under normal operating conditions. The warranty is void on equipment or parts; that have been subjected to misuse, accident, or negligent damage; operated under loads, pressures, speeds, electrical connections, plumbing, or conditions other than those specified by Cissell; operated or repaired with other than genuine Cissell replacement parts; damaged by fire, flood, vandalism, or such other causes beyond the control of Cissell; altered or repaired in any way that effects the reliability or detracts from its performance, or; which have had the identification plate, or serial number, altered, defaced, or removed.

No defective equipment or part may be returned to Cissell for repair or replacement without prior written authorization from Cissell. Charges for unauthorized repairs will not be accepted or paid by Cissell.

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