

C54 (14 GA.)			
POS	WIRE	POS	WIRE
A	12	M	19
B	39	N	20
C	13	P	21
D	40	R	22B
E	41	S	23
F	13A	T	24
G	3K	U	25
H	14A	V	33
J	15A	W	34
K	16B	X	35
L	17B		

HDP24-24-21PN CONN
2411-0001-2405 CONN NUT
112264 CONN WASHER
114017 PLUGS
0460-204-12141 #12 TERMS
0460-202-16141 #16 TERMS (16-18 GA)
0460-215-16141 #16 TERMS (14 GA)

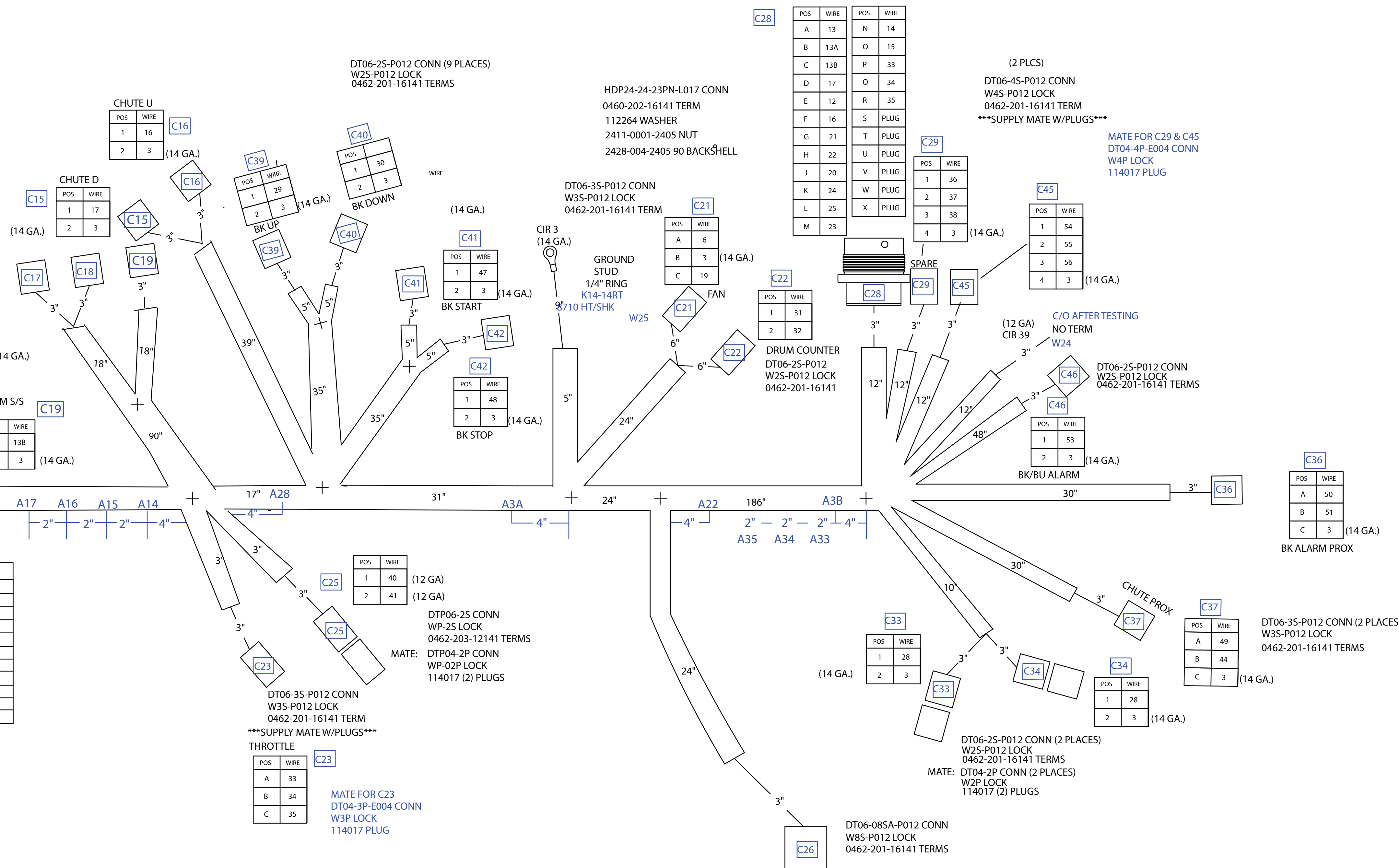
C17 DRUM C/D			
POS	WIRE	POS	WIRE
1	15	1	14
2	3	2	3

C19 DRUM S/S			
POS	WIRE	POS	WIRE
1	13B	2	3

C55			
POS	WIRE	POS	WIRE
A	28C	N	48
B	29	O	49
C	30	P	50
D	31	Q	51
E	32	R	53
F	36	S	54A
G	37	T	55
H	38	U	56
J	42	V	6
K	43	W	26
L	44	X	27
M	47		

CIR	CODE
1	DRUM S/S +
2	IGNITION
3	GROUND
4	DRUM C/D +
5	CHUTE U/D +
6	FAN +
7	CHUTE LOCK +
8	HOPPER +
8A	HOPPER +
9	PUSHER/TAG +
10	WORK LIGHT +
11	BK +
12	REAR PNDNT +
13	DRUM STOP/S
13A	DRUM S/S
13B	DRUM S/S SIGNAL
14	CHARGE
15	DISCHARGE
16	CHUTE UP
17	CHUTE DOWN
19	FAN
20	CHUTE LOCK
21	CHUTE LOCK
22	LOCK SIGNAL
23	HOPPER
24	HOPPER
25	HOPPER SIGNAL
26	PUSHER UP
27	PUSHER DOWN
28	WORK LIGHT
29	BK UP
30	BK DOWN
31	COUNTER A
32	COUNTER B
33	THROTTLE HIGH
34	THROTTLE POWER
35	THROTTLE LOW
36	SPARE A
37	SPARE B
38	SPARE C
39	REVERSE
40	MAIN AUX POWER
41	MAIN AUX GRND
42	HOPPER UP LIGHT
43	HOPPER DOWN

CIR	CODE
11A	BK +
44	CHUTE PROX SW SIGNAL
45	CHUTE HAZARD
46	BK ST/ST+
47	BK START
48	BK STOP
49	CHUTE PROX +
50	BK ALARM +
51	BK ALARM SIGNAL
52	BK/ALARM
53	BK/BACKUP ALARM
54	SPARE D
55	SPARE E
56	SPARE F



C28			
POS	WIRE	POS	WIRE
A	13	N	14
B	13A	O	15
C	13B	P	33
D	17	Q	34
E	12	R	35
F	16	S	PLUG
G	21	T	PLUG
H	22	U	PLUG
J	20	V	PLUG
K	24	W	PLUG
L	25	X	PLUG
M	23		

C21			
POS	WIRE	POS	WIRE
A	6		
B	3		
C	19		

C22			
POS	WIRE	POS	WIRE
1	31		
2	32		

C29			
POS	WIRE	POS	WIRE
1	36		
2	37		
3	38		
4	3		

C45			
POS	WIRE	POS	WIRE
1	54		
2	55		
3	56		
4	3		

C46			
POS	WIRE	POS	WIRE
1	53		
2	3		

C36			
POS	WIRE	POS	WIRE
A	50		
B	51		
C	3		

C37			
POS	WIRE	POS	WIRE
A	49		
B	44		
C	3		

C33			
POS	WIRE	POS	WIRE
1	28		
2	3		

C34			
POS	WIRE	POS	WIRE
1	28		
2	3		

C26			
POS	WIRE	POS	WIRE
1	3		
2	PLUG		
3	PLUG		
4	26		
5	27		
6	42		
7	43		
8	22		

C26			
POS	WIRE	POS	WIRE
1	3		
2	PLUG		
3	PLUG		
4	26		
5	27		
6	42		
7	43		
8	22		

C23			
POS	WIRE	POS	WIRE
A	33		
B	34		
C	35		

C25			
POS	WIRE	POS	WIRE
1	40		
2	41		

C25			
POS	WIRE	POS	WIRE
1	40		
2	41		

C25			
POS	WIRE	POS	WIRE
1	40		
2	41		

C25			
POS	WIRE	POS	WIRE
1	40		
2	41		

C25			
POS	WIRE	POS	WIRE
1	40		
2	41		

C25			
POS	WIRE	POS	WIRE
1	40		
2	41		

NOTES:
WIRE IS TYPE GXL
ALL WIRE IS 16 GA. UNLESS NOTED OTHERWISE.
ALL WIRE IS WHITE UNLESS NOTED OTHERWISE.
WIRES MARKED WITH CIRCUIT NUMBER AND CODE EVERY 2".

ALL MEASUREMENTS ARE IN INCHES.
MEASUREMENTS ARE TO WIRE ENTRY OF EACH CONNECTOR AND WIRE LENGTH ON EACH WIRE END OR TERMINAL THAT DOES NOT ENTER A CONNECTOR.

DOUBLE LINES INDICATE BRAID COVERING.
SINGLE LINES INDICATE EXPOSED WIRE LENGTHS.

US# 715115I+
DONE BY DAN
Measure from back of Conn.

UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES		
FRACTIONAL ± 1/32	DRAWN	
MACH ± .01	CHECKED	
BEND ± .5"	ENG APPR.	
TWO PLACE DECIMAL ± .01	MFG APPR.	
THREE PLACE DECIMAL ± .001	Q.A.	
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:	
MATERIAL		
FINISH		
APPLICATION	USED ON	DO NOT SCALE DRAWING

CON-TECH MANUFACTURING, INC. 1-507-374-2239		
TITLE: BK MIXER WIRE HARNESS		
SIZE	PART NO.	REV
A	715115	I+
SCALE: 1:4	WEIGHT:	SHEET 2 OF 2

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