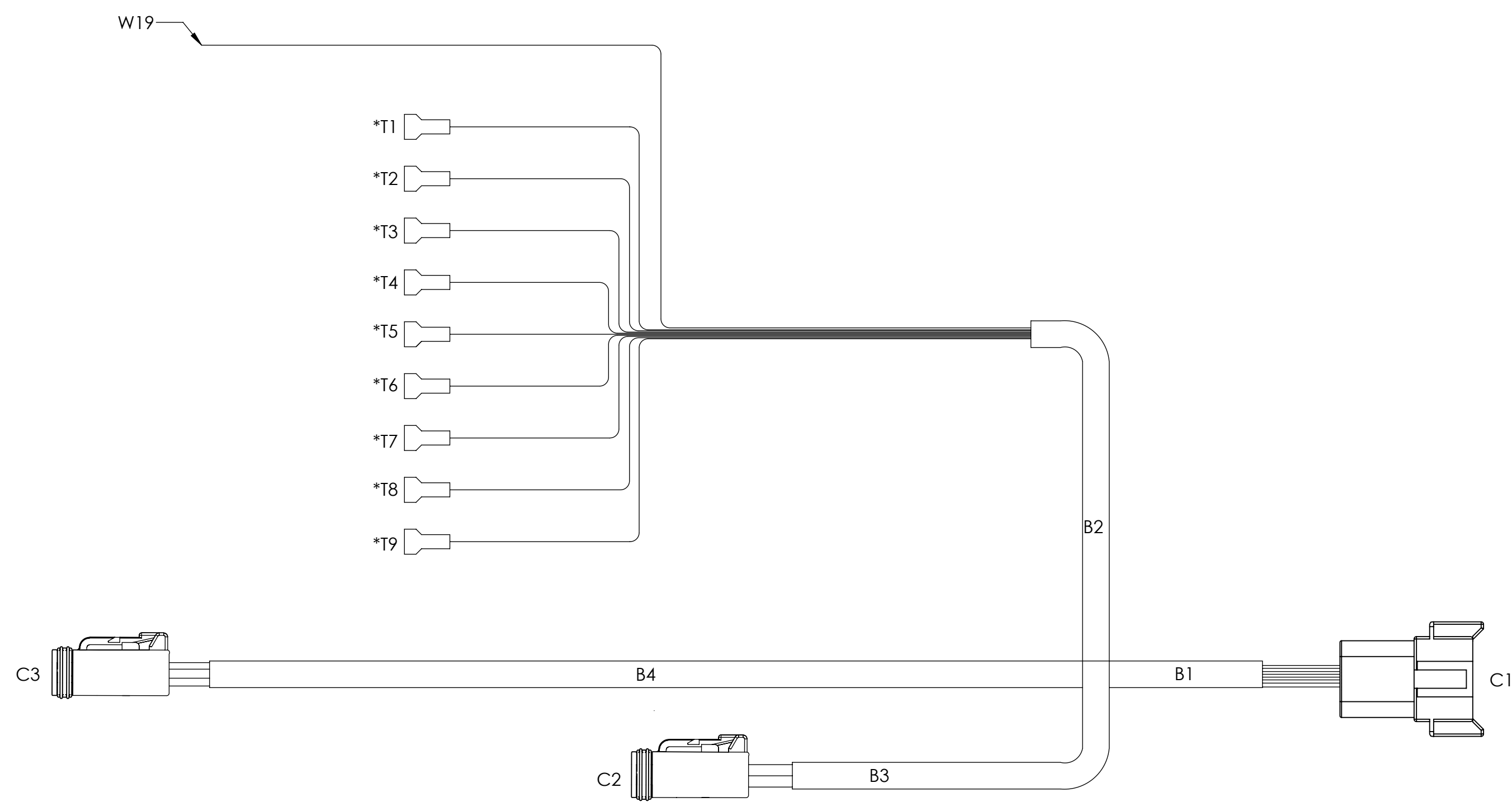


REVISIONS					
REV.	ZONE	DESCRIPTION	ECN/ERN	DATE	BY



Branch ID	Branch Length(IN)
B1	4
B2	8
B3	3
B4	8

- Notes:
- 1) All branches to be wrapped in Tesa 51036 tape.
 - 2) All branches with connector leave 1" of wire exposed before connector
 - 3) All splices ("S") to be soldered or sonic welded and covered in 2" of adhesive heatshrink
 - 4) * Only wrap 2" of B2. W19 3" longer than rest of wires in branch.
 - 5) Use McMaster-Carr P/N: 72625K77 or similar 1/4" Spade Terminal with Heatshrink for T1, T2, T3, T4, T5, T6, T7, T8 and T9

UNLESS OTHERWISE SPECIFIED:		NAME	DATE		
DIMENSIONS ARE IN INCHES		DRAWN	NSZ		03/20/24
2 PLACE DECIMAL ±0.030		CHECKED	BM		03/20/24
3 PLACE DECIMAL ±0.010 EXCEPT DRILLED HOLES		ENG APPR.	KW		03/20/24
BREAK SHARP CORNERS		COMMENTS:			
ALL FILLETS AND RADII 0.12 R.		-			
FINISH 125/		-			
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5		-			
MATERIAL -		-			
THIRD ANGLE PROJECTION		SIMILAR TO:			
-		-			
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TITLE:		
INDOT Tow Plow Cab Harness		
SIZE	DWG. NO.	REV
CAPWH148A	00	00
SCALE: N/A	WEIGHT: N/A	SHEET 1 OF 2

Wire Number	Wire Label	Wire Color	Wire Gauge	Wire Type	Wire length(IN)	Source Connection	Source Connector P/N	Source Connector Manufacturer	Source Pin Location	Source Pin P/N	Destination Connection	Destination Connector P/N	Destination Connector Manufacturer	Destination Pin Location	Destination Pin P/N
W1	+12 Volts	Red	16	GXL	3	C1	DT04-08PA	Deutsch	1	0460-202-16141	S1	-	-	-	-
W2	Ground	Black	16	GXL	3	C1	DT04-08PA	Deutsch	2	0460-202-16141	S2	-	-	-	-
W3	Controller CAN-HI	White	16	GXL	12	C1	DT04-08PA	Deutsch	3	0460-202-16141	C2	DT06-4S	Deutsch	3	0462-201-16141
W4	Controller CAN-LO	Green	16	GXL	12	C1	DT04-08PA	Deutsch	4	0460-202-16141	C2	DT06-4S	Deutsch	4	0462-201-16141
W5	Body Up Signal	Brown	16	GXL	7	C1	DT04-08PA	Deutsch	7	0460-202-16141	C3	DT06-6S	Deutsch	5	0462-201-16141
W6	PTO Enable	Brown	16	GXL	12	C1	DT04-08PA	Deutsch	5	0460-202-16141	T1	72625K77	McMaster-Carr	-	-
W7	PTO Override	White	16	GXL	12	C1	DT04-08PA	Deutsch	6	0460-202-16141	T2	72625K77	McMaster-Carr	-	-
W8	Body Up Output	Gray	16	GXL	7	C1	DT04-08PA	Deutsch	8	0460-202-16141	C3	DT06-6S	Deutsch	6	0462-201-16141
W9	Controller Power	Red	16	GXL	9	S1	-	-	-	-	C2	DT06-4S	Deutsch	1	0462-201-16141
W10	Body Up Power	Red	16	GXL	4	S1	-	-	-	-	C3	DT06-6S	Deutsch	4	0462-201-16141
W11	PTO Enable Power	Red	16	GXL	9	S1	-	-	-	-	T3	72625K77	McMaster-Carr	-	-
W12	Filter Bypass Power 1	Red	16	GXL	9	S1	-	-	-	-	T4	72625K77	McMaster-Carr	-	-
W13	Filter Bypass Power 2	Red	16	GXL	9	S1	-	-	-	-	T5	72625K77	McMaster-Carr	-	-
W14	Power Float Power	Red	16	GXL	9	S1	-	-	-	-	T6	72625K77	McMaster-Carr	-	-
W15	Controller Ground	Black	16	GXL	9	S2	-	-	-	-	C2	DT06-4S	Deutsch	2	0462-201-16141
W16	PTO Override Ground	Black	16	GXL	9	S2	-	-	-	-	T7	72625K77	McMaster-Carr	-	-
W17	PTO Enable Ground	Black	16	GXL	9	S2	-	-	-	-	T8	72625K77	McMaster-Carr	-	-
W18	Power Float Ground	Black	16	GXL	9	S2	-	-	-	-	T9	72625K77	McMaster-Carr	-	-
W19	Stow Ground	Black	16	GXL	12	S2	-	-	-	-	Blunt Cut	-	-	-	-