

(PART NUMBER 2ND & 3RD XX'S) NUMBER OF ELEMENTS				
PART NUMBER	DIM "A"	NUMBER ELEMENTS	DUAL TENS SIZE	
C1CXL31XRXSXDXX	1550 [61.02]	31	4.2kN	
C1CXL32XRXSXDXX	1600 [62.99]	32	4.2kN	
C1CXL33XRXSXDXX	1650 [64.96]	33	4.2kN	
C1CXL34XRXSXDXX	1700 [66.93]	34	4.2kN	
C1CXL35XRXSXDXX	1750 [68.90]	35	4.2kN	
C1CXL36XRXSXDXX	1800 [70.87]	36	4.2kN	
C1CXL37XRXSXDXX	1850 [72.83]	37	4.2kN	
C1CXL38XRXSXDXX	1900 [74.80]	38	4.2kN	
C1CXL39XRXSXDXX	1950 [76.77]	39	4.2kN	
C1CXL40XRXSXDXX	2000 [78.74]	40	4.2kN	
C1CXL41XRXSXDXX	2050 [80.71]	41	6.6kN	
C1CXL42XRXSXDXX	2100 [82.68]	42	6.6kN	
C1CXL43XRXSXDXX	2150 [84.65]	43	6.6kN	
C1CXL44XRXSXDXX	2200 [86.61]	44	6.6kN	
C1CXL45XRXSXDXX	2250 [88.58]	45	6.6kN	
C1CXL46XRXSXDXX	2300 [90.55]	46	6.6kN	
C1CXL47XRXSXDXX	2350 [92.52]	47	6.6kN	
C1CXL48XRXSXDXX	2400 [94.49]	48	6.6kN	
C1CXL49XRXSXDXX	2450 [96.46]	49	6.6kN	
C1CXL50XRXSXDXX	2500 [98.43]	50	6.6kN	
C1CXL51XRXSXDXX	2550 [100.39]	51	6.6kN	
C1CXL52XRXSXDXX	2600 [102.36]	52	6.6kN	
C1CXL53XRXSXDXX	2650 [104.33]	53	6.6kN	
C1CXL54XRXSXDXX	2700 [106.30]	54	6.6kN	
C1CXL55XRXSXDXX	2750 [108.27]	55	6.6kN	
C1CXL56XRXSXDXX	2800 [110.24]	56	6.6kN	

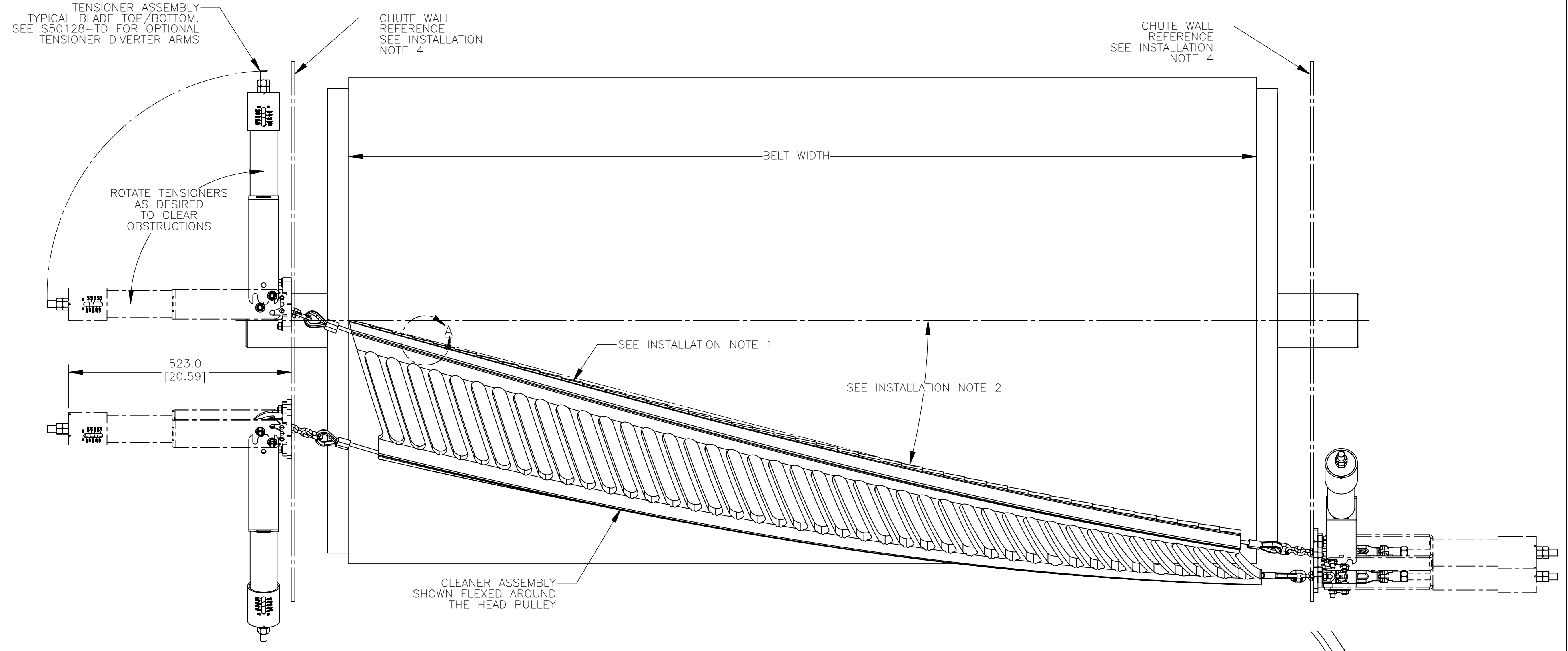
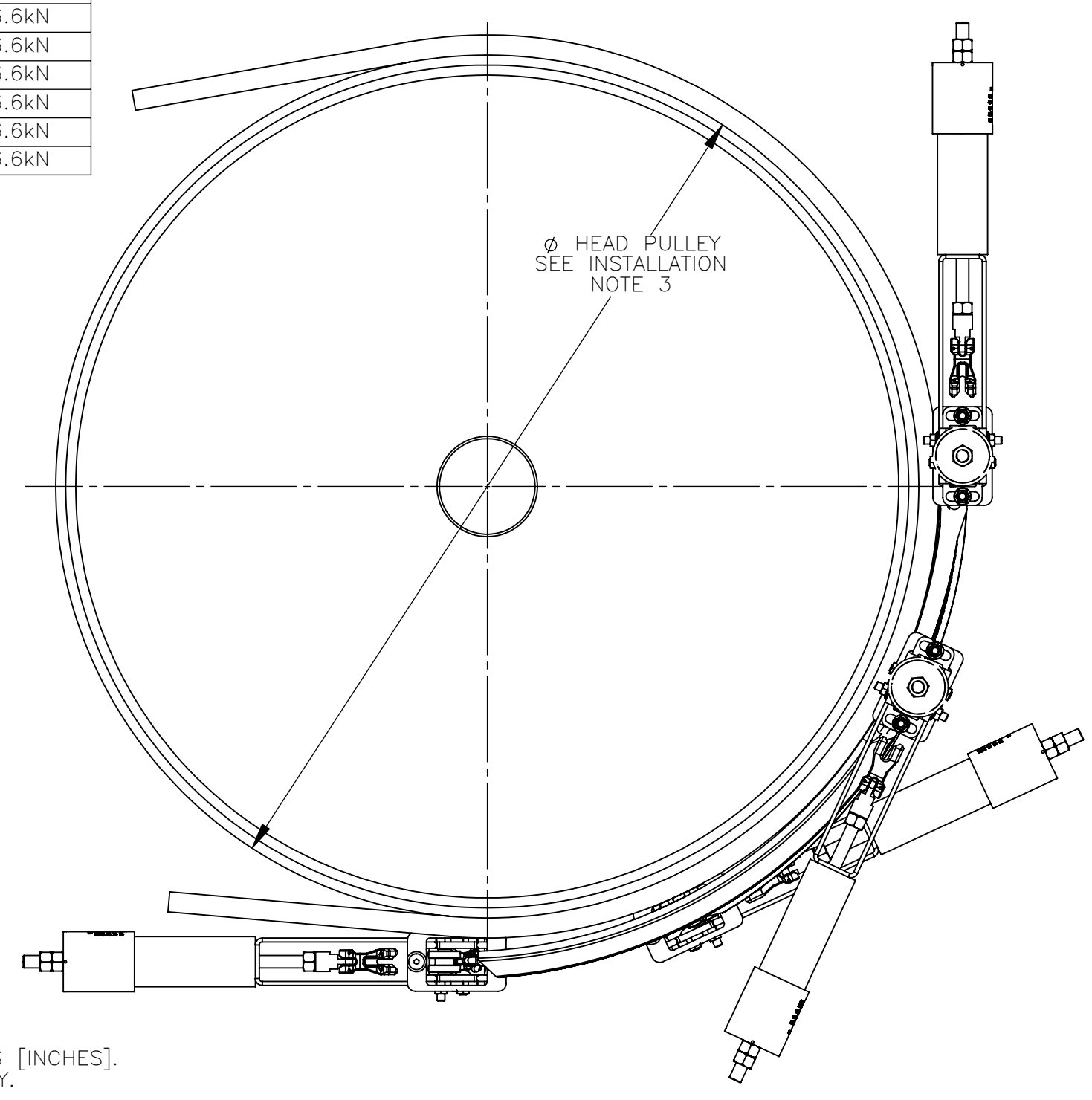
(PART NUMBER 4TH X) BLADE CARBIDE TYPE APPLICATION	
C1CXLXXRXN6S4X	STANDARD/MODERATE VERSION, SUITABLE FOR ABRASIVE MATERIALS AND LOW/MEDIUM BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES, HAS CHEMICAL RESISTANCE
C1CXLXXRXN6S4X	SEVERE VERSION, SUITABLE FOR HIGHLY ABRASIVE MATERIALS AND HIGH BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES
C1CXLXXRXN6S4X	EXTREME VERSION, SUITABLE FOR EXTREMELY ABRASIVE MATERIALS AND HIGHEST BELT SPEEDS, NOT ALLOWED FOR MECHANICAL SPLICES

(PART NUMBER 6TH X) CHAIN SIZE/CHAIN LINK SIZE/TENSIONER			
PART NUMBER	CHAIN SIZE	CONNECTOR LINK SIZE	TENSIONER USED WITH
C1CXLXXXRXS6DXX	6 MM	8 MM	4.2kN
C1CXLXXXRXS8DXX	8 MM	10 MM	6.6kN

ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	MARTIN CLEANSRAPE CLEANER ASSEMBLY	SEE CHARTS

(PART NUMBER 5TH X) SWAGE SLEEVES/THIMBLES MATERIAL	
PART NUMBER	SWAGE SLEEVES/THIMBLES MATERIAL
C1CXLXXRXASDXX	ALUMINUM SWAGE SLEEVES/GALV THIMBLES
C1CXLXXRXCSXDXX	COPPER SWAGE SLEEVES/SS THIMBLES

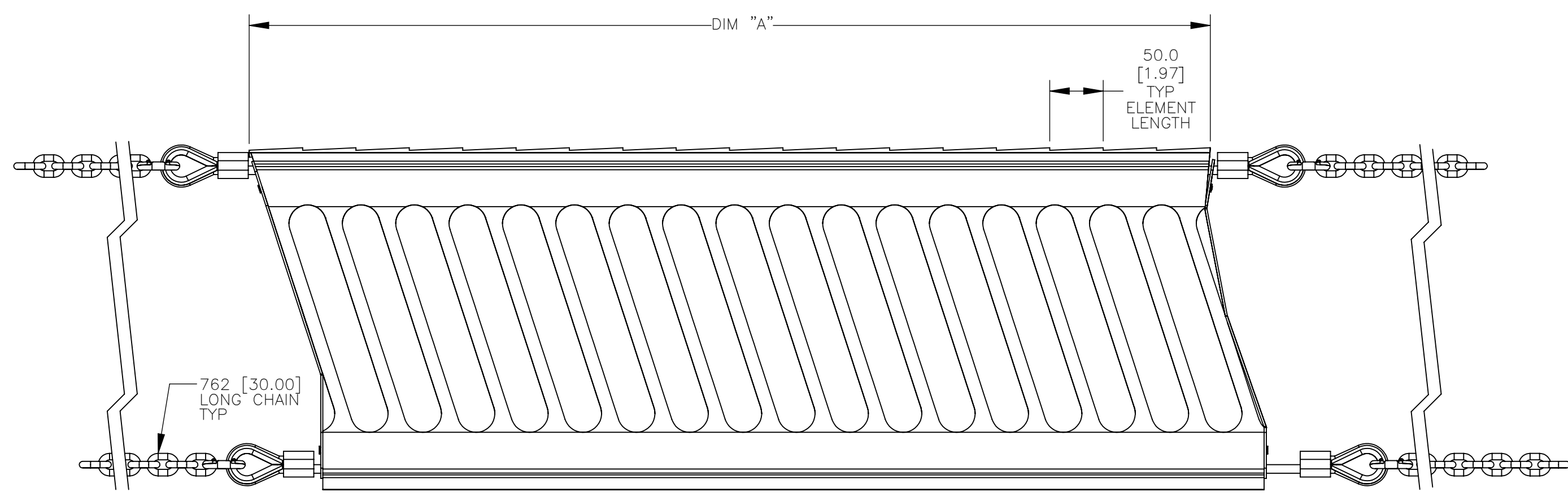
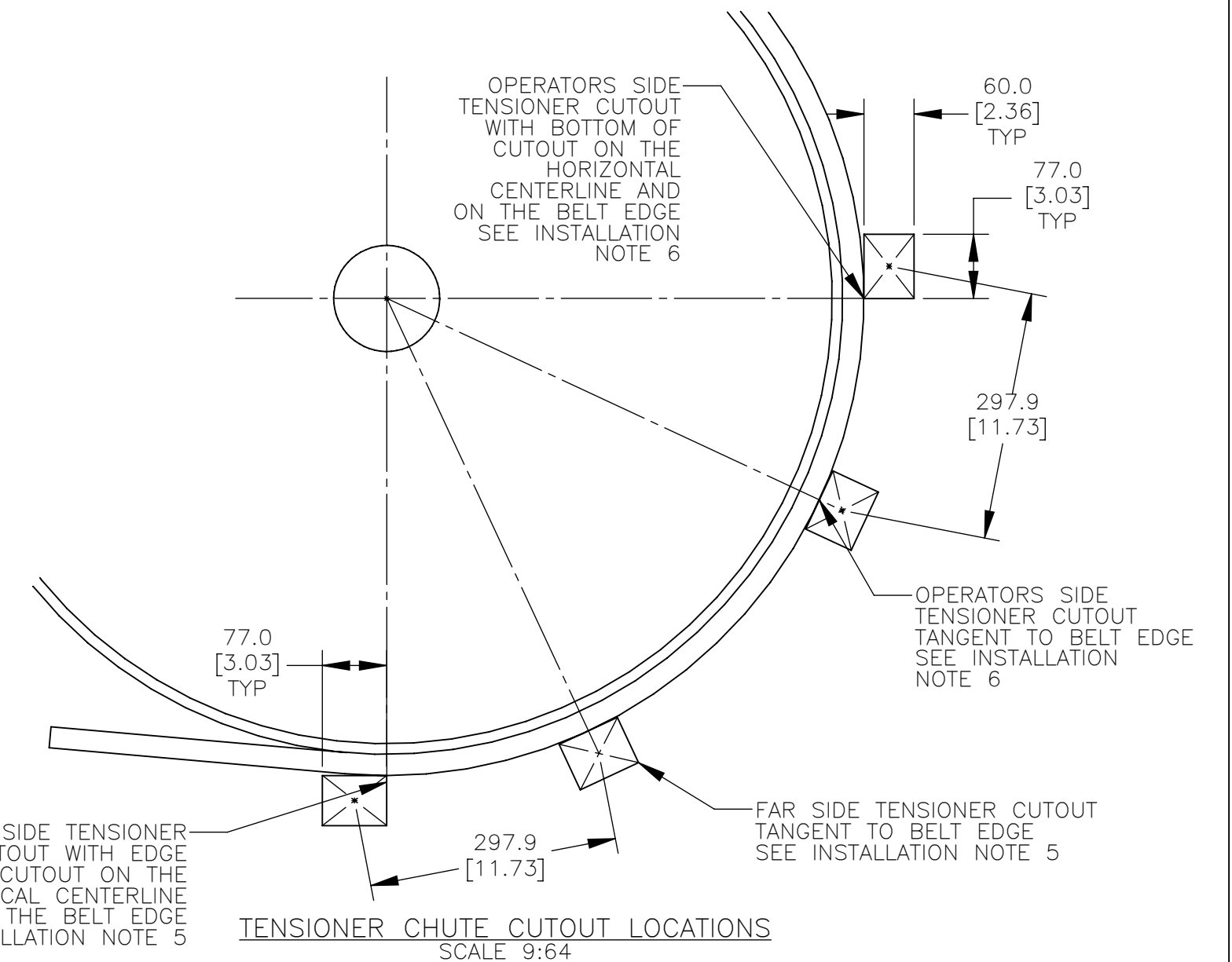
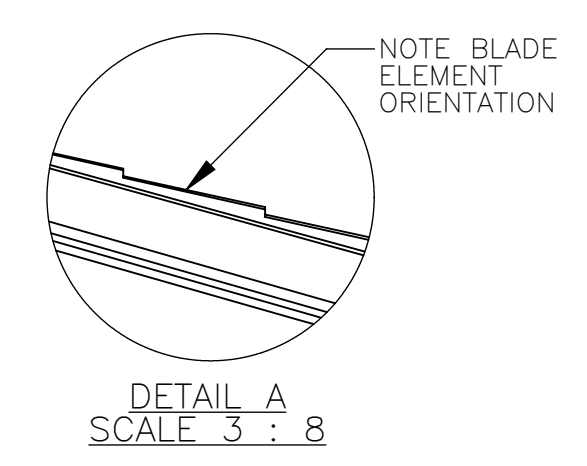
(PART NUMBER LAST TWO XX'S) TENSIONER/INSTALLATION KIT REQUIREMENTS AND MATERIAL		
PART NUMBER	SINGLE/DUAL TENSIONER/TENSIONER SIZE/INSTALLATION KIT MATERIAL	P/N INSTALLATION KIT
C1CXLXXXRXS6D4T	DUAL 4.2kN TENSIONER FOR 6MM CHAIN NO FIXED POINT MNT BRKT STL	C1CT4DT
C1CXLXXXRXS6D4S	DUAL 4.2kN TENSIONER FOR 6MM CHAIN NO FIXED POINT MNT BRKT SS	C1CT4DS
C1CXLXXXRXS8D6T	DUAL 6.6kN TENSIONER FOR 8MM CHAIN NO FIXED POINT MNT BRKT STL	C1CT6DT
C1CXLXXXRXS8D6S	DUAL 6.6kN TENSIONER FOR 8MM CHAIN NO FIXED POINT MNT BRKT SS	C1CT6DS
C1CBLXXXRXS6D	NO TENSIONER/BLADE ONLY FOR DUAL TENSIONER WITH 6MM CHAIN	-----
C1CBLXXXRXS8D	NO TENSIONER/BLADE ONLY FOR DUAL TENSIONER WITH 8MM CHAIN	-----



NOTES:
1) ALL DIMENSIONS ARE GIVEN IN MILLIMETERS [INCHES].
2) ALL DIMENSIONS ARE FOR REFERENCE ONLY.
3) IN THE "C1C" PART NUMBER:
THE FIRST X INDICATES THE ASSEMBLY TYPE:
B = BLADE ONLY ASSEMBLY (NO TENSIONER)
S = SYSTEM ASSEMBLY WITH TENSIONER
THE "L" INDICATES A "LARGE" CLEANSRAPE
BLADE/SYSTEM ASSEMBLY
THE NEXT XX INDICATES NUMBER OF ELEMENTS
IN THE BLADE:
13 = 13 ELEMENTS THRU 56 = 56 ELEMENTS
THE NEXT X INDICATES BLADE CARBIDE TYPE:
A = A CARBIDE GRADE (MUST USE WITH COPPER
SWAGE SLEEVES)
B = B CARBIDE GRADE
C = C CARBIDE GRADE
THE "R" INDICATES RUBBER BLADE BODY MATERIAL.
THE NEXT X INDICATES THIMBLE AND SWAGE MATERIAL:
A = ALUMINUM SWAGE SLEEVES & GALVANIZED THIMBLES
C = COPPER SWAGE SLEEVES & STAINLESS STEEL THIMBLES
(ALL C1CXLXXARCSXXX BLADE ASSEMBLIES ARE ONLY
AVAILABLE WITH COPPER SWAGE SLEEVES AND
STAINLESS STEEL THIMBLES)
THE "S" INDICATES THE STRONGER 7X7 SS CABLE
(USE ON ALL ASM'S WITH DUAL TENSIONERS AND
BLADES WITH 31 OR MORE ELEMENTS)
THE NEXT X INDICATES THE CHAIN SIZE:
6 = 6MM CHAIN USED WITH 4.2kN SINGLE/DUAL
TENSIONERS
8 = 8MM CHAIN USED WITH 6.6kN DUAL
TENSIONERS
THE "D" INDICATES THE BLADE/CLEANER IS CONFIGURED
FOR A DUAL (CHAINS ON BOTH SIDES) TENSIONING
THE NEXT X INDICATES IF AN INSTALLATION KIT
(TENSIONER) IS INCLUDED:
BLANK = BLADE ONLY ASSEMBLY (NO TENSIONER)
4 = LARGE BLADE 4.2kN COIL SPRING TENSIONER
6 = LARGE BLADE 6.6kN COIL SPRING TENSIONER
THE LAST X INDICATES THE INSTALLATION KIT
(TENSIONER) MATERIAL:
BLANK = BLADE ONLY ASSEMBLY (NO TENSIONER)
T = STANDARD PAINTED STEEL
S = STAINLESS STEEL

INSTALLATION NOTES:
1) BLADE CARBIDE SCRAPERS ARE MOLDED INTO THE RUBBER BODY AT AN ANGLE CREATING A SERRATED CLEANING EDGE. CLEANER MUST BE MOUNTED AT AN ANGLE AS SHOWN. CLEANER MUST NOT LIE IN THE MATERIAL PATH.
2) THE IDEAL INSTALLATION ANGLE IS BETWEEN 17° AND 19°. ANGLES FROM 10° TO 22° ARE ACCEPTABLE BUT TENSIONER TENSION NEEDS TO BE ADJUSTED AS THE ANGLE CHANGES FROM THE IDEAL ANGLE.
3) BELT WIDTH MUST NOT EXCEED A RATIO OF 3:1 TO THE HEAD PULLEY DIAMETER. HEAD PULLEY RANGE IS 915 [36.00] MIN. TO 1270 [50.00] MAX.
4) CHUTE WALLS MUST BE STRONG ENOUGH TO NOT FLEX WHEN THE CLEANER IS TENSIONED. ADDITIONAL CHUTE WALL STRUCTURE MAY BE REQUIRED TO PREVENT CHUTE WALL FROM FLEXING.
5) ON THE FAR SIDE OF THE CHUTE WALL MARK THE LOCATION OF THE TENSIONER CUTOUTS. SEE THE CUTOUT DETAIL. WELD THE TENSIONER MOUNT BRACKETS TO THE CHUTE WALL POSITIONED OVER THE CUTOUTS. BOLT THE TENSIONERS TO THE TENSIONER MOUNT BRACKETS. LEAVE THE ADJUSTMENT BOLTS LOOSE AT THIS TIME.

INSTALLATION NOTES:
6) ON THE OPERATORS SIDE OF THE CHUTE WALL MARK THE LOCATION OF THE TENSIONER CUTOUTS. SEE THE CUTOUT DETAIL. WELD THE TENSIONER MOUNT BRACKETS TO THE CHUTE WALL POSITIONED OVER THE CUTOUTS. BOLT THE TENSIONERS TO THE TENSIONER MOUNT BRACKETS. LEAVE THE ADJUSTMENT BOLTS LOOSE AT THIS TIME.
7) ASSEMBLE THE CHAINS ON THE BLADE TO THE TENSIONERS BY HOLDING THE CLEANER TO THE HEAD PULLEY AND ROUTING THE CHAINS THROUGH THE CHUTE WALL. MAKE SURE THE TENSIONER ADJUSTMENT NUTS ARE AT THE END OF THE TENSIONER THREADED ROD. TIGHTEN THE TENSIONER ADJUSTMENT NUTS UNTIL THE CLEANER IS HELD FIRMLY AGAINST THE HEAD PULLEY. ADJUST THE TENSIONER BRACKETS SO THE OUTER TWO ELEMENTS ON EACH SIDE OF THE CLEANER ARE APPROXIMATELY 3.3 [1.13] AWAY FROM THE BELT. TIGHTEN ALL BOLTS.
8) TENSION THE CLEANER PER THE RECOMMENDED TENSION IN THE MANUAL.



NO.	DESCRIPTION	ECN	DATE	BY	REVISION
A	CHGD THE BLD CARBIDE TYPE FROM 1 & 5 TO A, FROM 2 & 3 TO B, & FROM 4 TO C IN THE CHART & NOTES	15534	12/10/19	RND	

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MARTIN ENGINEERING—USA
NEPONSET, IL USA

MARTIN ENGINEERING

TITLE
CLEANSRAPE
LARGE CLEANER ASM'S
WITH 4.2kN/6.6kN TENS

SALES DRAWING

DRAWN RND
DATE 09/26/18

CHECKED
DATE 10/15/18

APPROVED
DATE 10/15/18

SCALE 9:64

PR13395D S50128-LD