

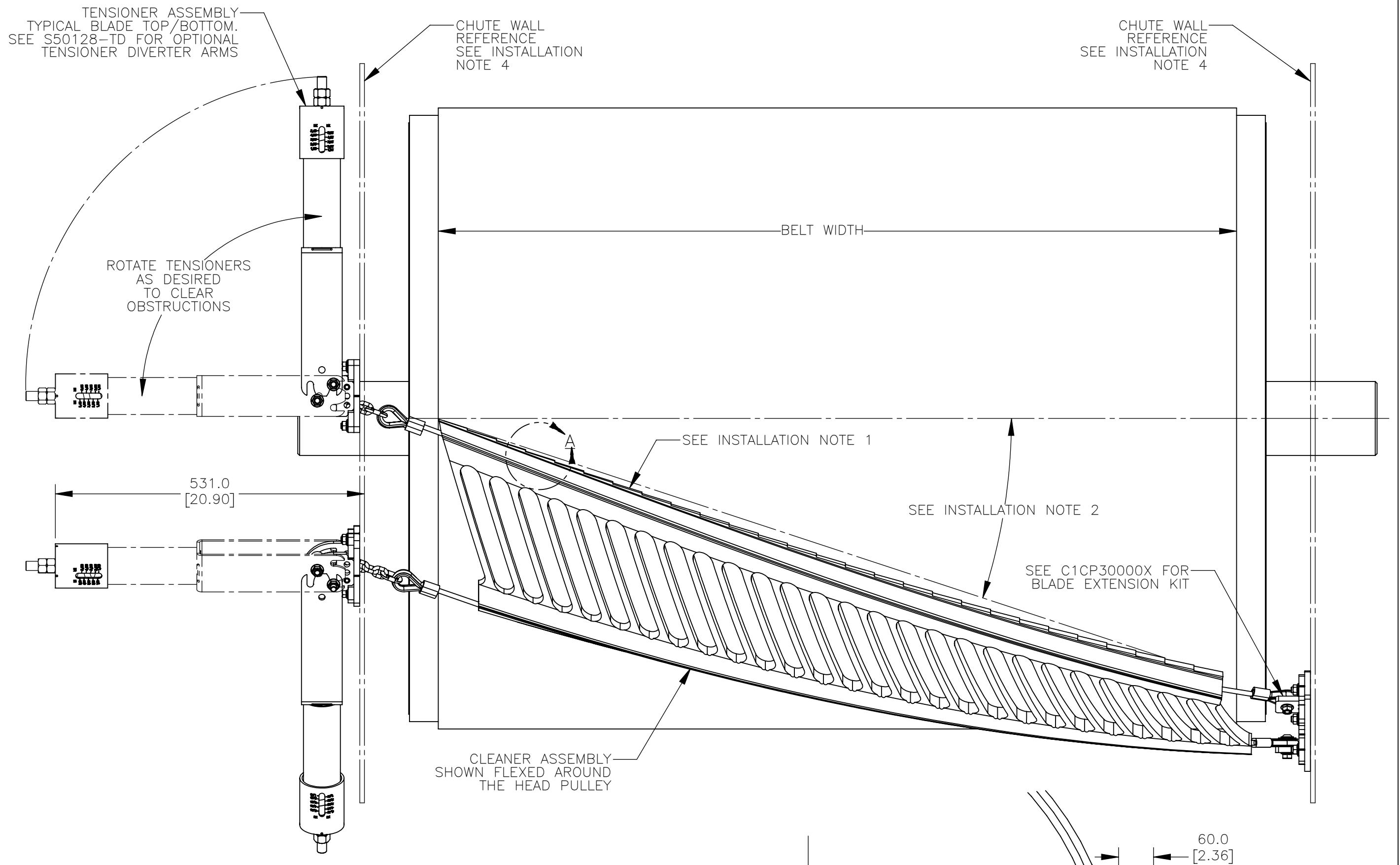
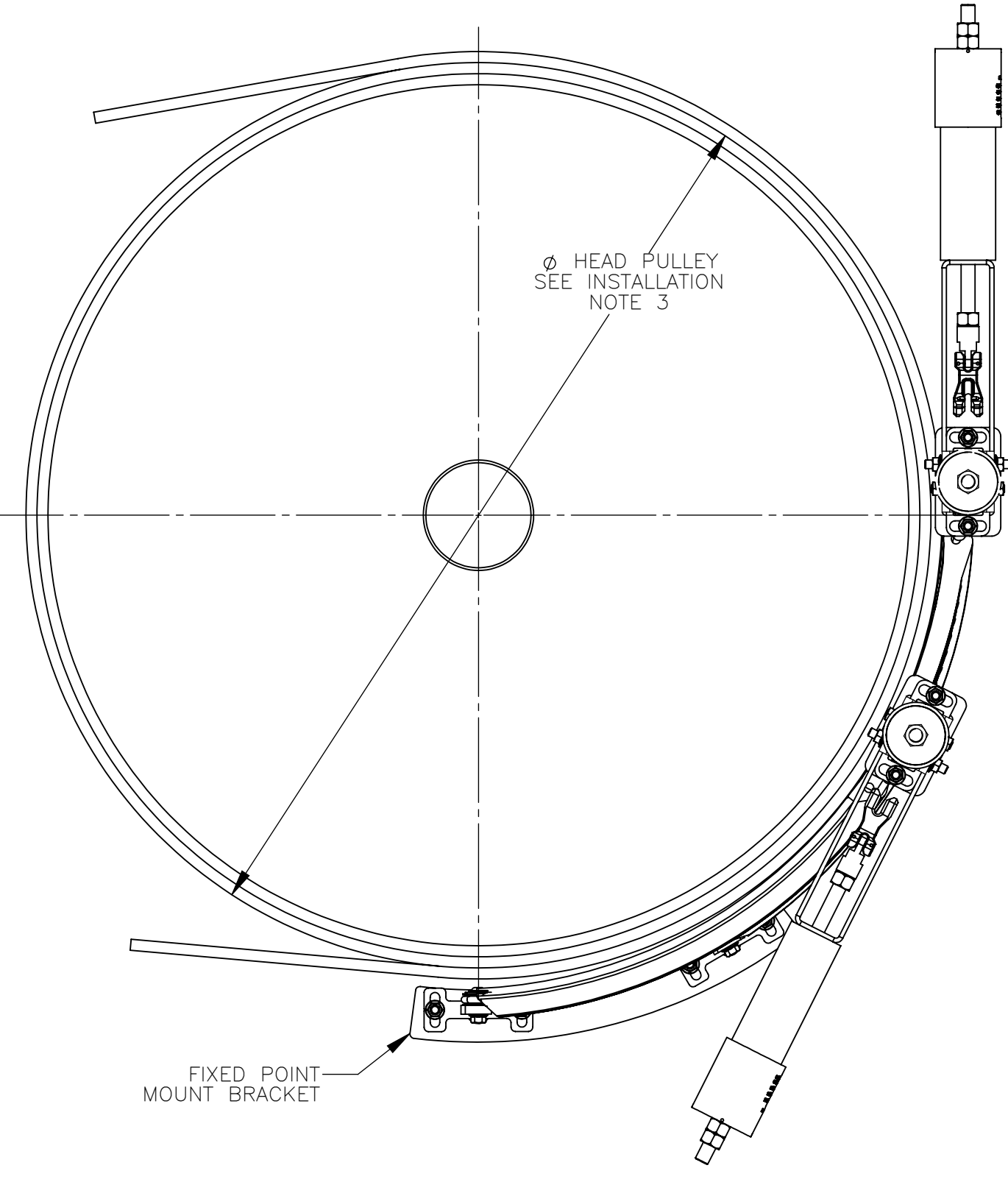
(PART NUMBER 2ND & 3RD XX'S) NUMBER OF ELEMENTS		
PART NUMBER	DIM "A"	# ELEMENTS
C1CXL13RXN6S4X	650 [25.59]	13
C1CXL14RXN6S4X	700 [27.56]	14
C1CXL15RXN6S4X	750 [29.53]	15
C1CXL16RXN6S4X	800 [31.50]	16
C1CXL17RXN6S4X	850 [33.46]	17
C1CXL18RXN6S4X	900 [35.43]	18
C1CXL19RXN6S4X	950 [37.40]	19
C1CXL20RXN6S4X	1000 [39.37]	20
C1CXL21RXN6S4X	1050 [41.34]	21
C1CXL22RXN6S4X	1100 [43.31]	22
C1CXL23RXN6S4X	1150 [45.28]	23
C1CXL24RXN6S4X	1200 [47.24]	24
C1CXL25RXN6S4X	1250 [49.21]	25
C1CXL26RXN6S4X	1300 [51.18]	26
C1CXL27RXN6S4X	1350 [53.15]	27
C1CXL28RXN6S4X	1400 [55.12]	28
C1CXL29RXN6S4X	1450 [57.09]	29
C1CXL30RXN6S4X	1500 [59.06]	30

(PART NUMBER 4TH X) BLADE CARBIDE TYPE	
PART NUMBER	APPLICATION
C1CXLXXRXN6S4X	STANDARD/MODERATE VERSION, SUITABLE FOR ABRASIVE MATERIALS AND LOW/MEDIUM BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES, HAS CHEMICAL RESISTANCE
C1CXLXXBRXN6S4X	SEVERE VERSION, SUITABLE FOR HIGHLY ABRASIVE MATERIALS AND HIGH BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES
C1CXLXXQRXN6S4X	EXTREME VERSION, SUITABLE FOR EXTREMELY ABRASIVE MATERIALS AND HIGHEST BELT SPEEDS, NOT ALLOWED FOR MECHANICAL SPLICES

(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
C1CSLXXXRXN6S4T	SINGLE 4.2KN TENSIONER FOR 6MM CHAIN WITH FIXED POINT MNT BRKT STL	C1CT4LT	
C1CSLXXXRXN6S4S	SINGLE 4.2KN TENSIONER FOR 6MM CHAIN WITH FIXED POINT MNT BRKT SS	C1CT4LS	
C1CBLXXXRXN6S	NO TENSIONER/BLADE ONLY FOR SINGLE TENSIONER WITH 6MM CHAIN	-----	

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

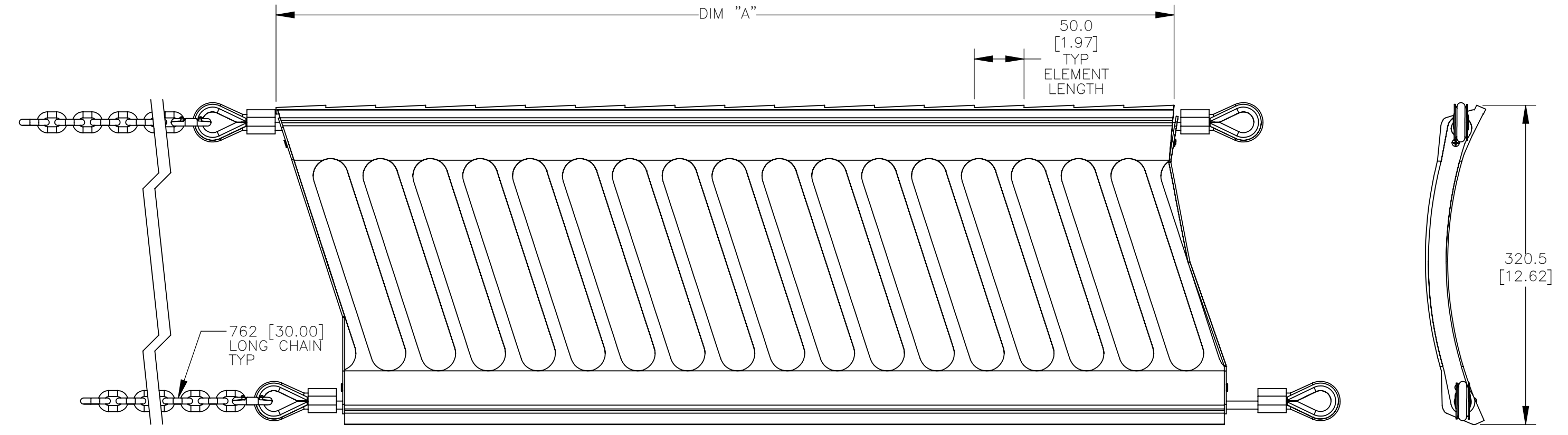
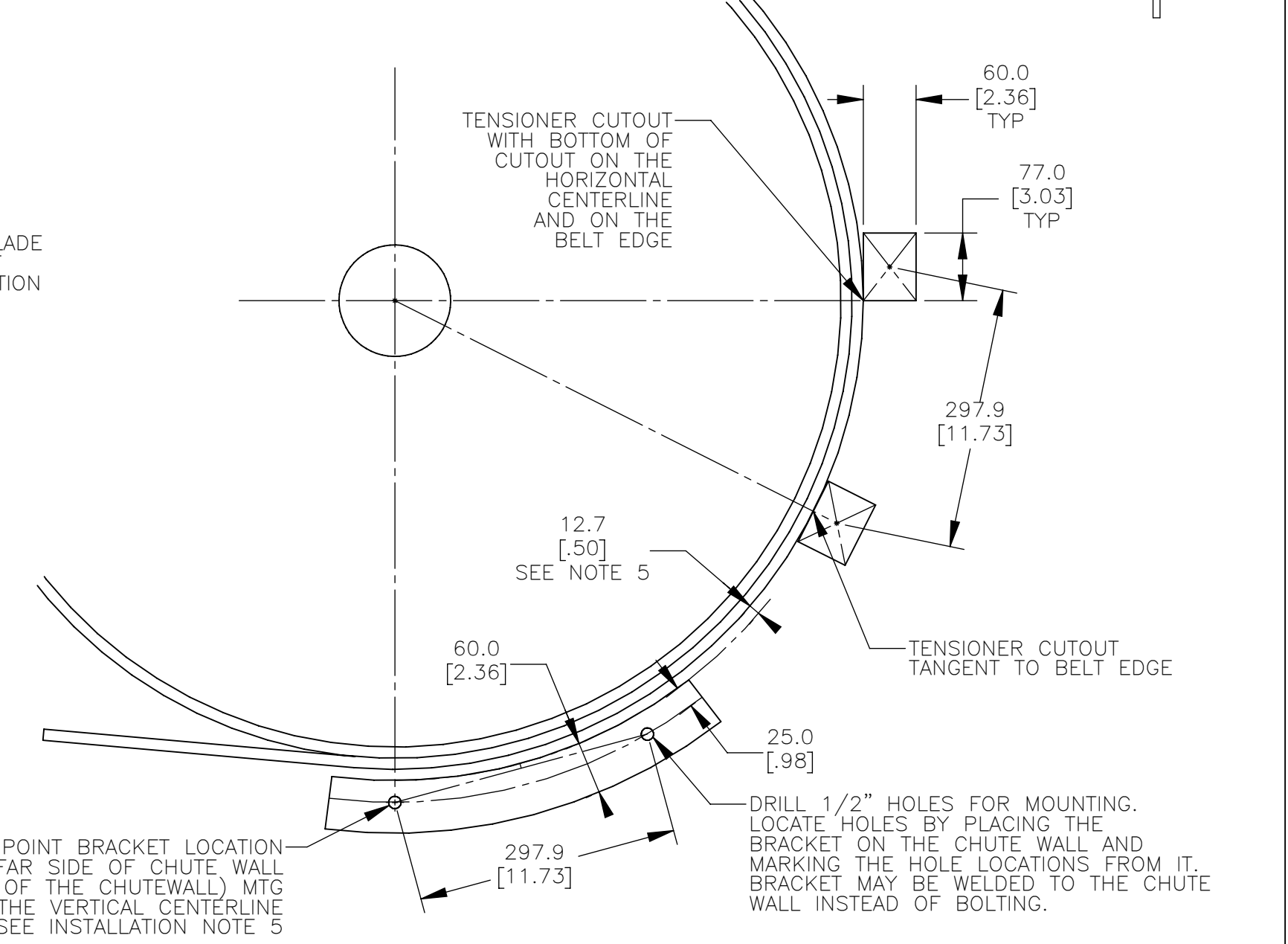
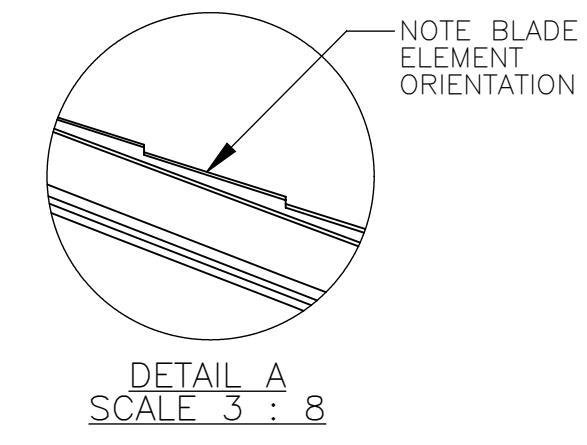
(PART NUMBER 5TH X) SWAGE SLEEVES/THIMBLES MATERIAL	
PART NUMBER	SWAGE SLEEVES/THIMBLES MATERIAL
C1CXLXXXRXN6S4X	ALUMINUM SWAGE SLEEVES/GALV THIMBLES
C1CXLXXXQRN6S4X	COPPER SWAGE SLEEVES/SS THIMBLES



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" CLEANSCRAPE BLADE/SYSTEM ASSEMBLY
 THE NEXT XX INDICATES NUMBER OF ELEMENTS IN THE BLADE:
 13 = 13 ELEMENTS THRU 30 = 30 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 C1CXLXXXRXN6S4X BLADE ASSEMBLIES ARE ONLY AVAILABLE WITH COPPER SWAGE SLEEVES & STAINLESS STEEL THIMBLES)
 THE "N" INDICATES THE BLADE USES THE STANDARD 7X19 SS CABLE
 THE "6" INDICATES THE BLADE USES 6MM CHAIN (USED WITH 4.2KN SINGLE/DUAL TENSIONERS)
 THE "S" INDICATES THE BLADE/CLEANER IS CONFIGURED FOR A SINGLE (CHAINS ON ONE SIDE) TENSIONER:
 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
 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 SCRAPPERS 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) LOCATE AND INSTALL THE FIXED POINT MOUNT BRACKET ON THE INSIDE OF THE FAR SIDE CHUTE WALL. MEASURE THE HEAD PULLEY RADIUS PLUS THE LAGGING, BELT THICKNESS, AND ADD THE 12.7 [.50]. THIS IS THE RADIUS ARC THAT THE FIXED POINT BRACKET WILL BE LOCATED ON. ALSO LOCATE THE FIXED POINT BRACKET LOWER MOUNTING HOLE ON THE VERTICAL CENTERLINE (AT 6:00 O'CLOCK POSITION). MARK THE HOLE LOCATIONS FROM THE FIXED POINT BRACKET AND DRILL THE MOUNTING HOLES (IF NOT WELDING IN PLACE). BOLT THE FIXED POINT BRACKET TO THE INSIDE OF THE CHUTE WALL.

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 CHAIN AND THE CHAIN LINKS TO THE TENSIONER END OF THE BLADE. INSTALL THE CLEANER TO THE FIXED POINT BRACKET. LEAVE THE ADJUSTMENT BOLTS LOOSE AT THIS TIME. HOLD THE CLEANER TO THE HEAD PULLEY AND ROUTE THE CHAINS THROUGH THE CHUTE WALL AND HOOK ONTO THE TENSIONERS. MAKE SURE THE TENSIONER ADJUSTMENT NUTS ARE AT THE END OF THE TENSIONER THREADED ROD. TIGHTEN THE TENSIONER ADJUSTMENT NUT UNTIL THE CLEANER IS HELD FIRMLY AGAINST THE HEAD PULLEY. ADJUST THE FIXED POINT BRACKET AND TENSIONER BRACKETS SO THE OUTER TWO ELEMENTS ON EACH SIDE OF THE CLEANER ARE APPROXIMATELY 3.3 [.13] AWAY FROM THE BELT. TIGHTEN ALL BOLTS.
 8) TENSION THE CLEANER PER THE RECOMMENDED TENSION IN THE MANUAL.



BLADE DETAIL
SCALE 1:4

TENSIONER CHUTE CUTOUTS AND FIXED POINT BRACKET LOCATION
SCALE 5:32

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NEPONSET, IL USA

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TITLE	CLEANSRAPE LARGE CLEANER ASM'S WITH SINGLE 4.2KN TENS	DRAWN RND	DATE 09/25/18
NO.	DESCRIPTION	ECN	DATE
1	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
SALES DRAWING		BY	APPROVED
PR13395D		DATE	10/15/18
REVISION		DATE	10/15/18
S50128-L		SCALE	5:32