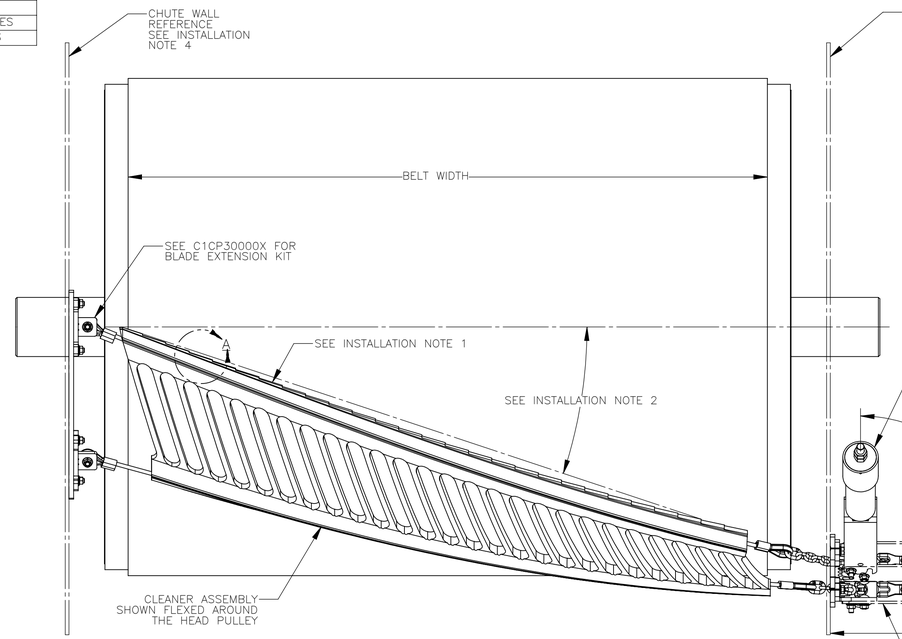
(PART NUMBER 2ND & 3RD XX'S) NUMBER OF ELEMENTS		
PART NUMBER	DIM "A"	# ELEMENTS
C1CXL13XRXN6S4X	650 [25.59]	13
C1CXL14XRXN6S4X	700 [27.56]	14
C1CXL15XRXN6S4X	750 [29.53]	15
C1CXL16XRXN6S4X	800 [31.50]	16
C1CXL17XRXN6S4X	850 [33.46]	17
C1CXL18XRXN6S4X	900 [35.43]	18
C1CXL19XRXN6S4X	950 [37.40]	19
C1CXL20XRXN6S4X	1000 [39.37]	20
C1CXL21XRXN6S4X	1050 [41.34]	21
C1CXL22XRXN6S4X	1100 [43.31]	22
C1CXL23XRXN6S4X	1150 [45.28]	23
C1CXL24XRXN6S4X	1200 [47.24]	24
C1CXL25XRXN6S4X	1250 [49.21]	25
C1CXL26XRXN6S4X	1300 [51.18]	26
C1CXL27XRXN6S4X	1350 [53.15]	27
C1CXL28XRXN6S4X	1400 [55.12]	28
C1CXL29XRXN6S4X	1450 [57.09]	29
C1CXL30XRXN6S4X	1500 [59.06]	30

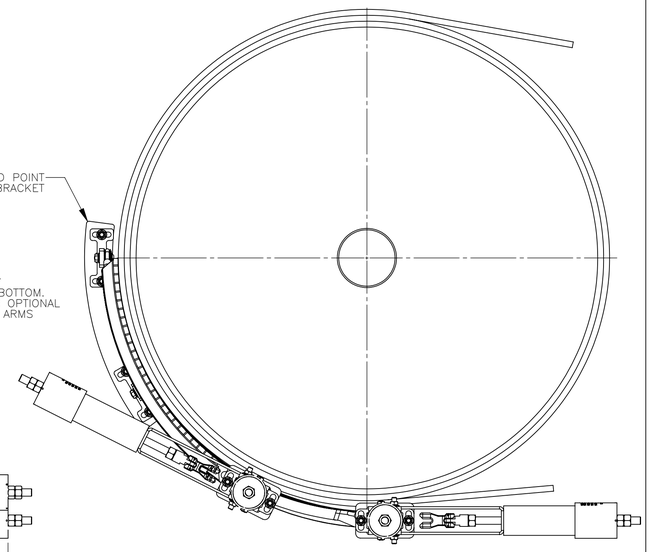
⚠ (PART NUMBER 4TH X) BLADE CARBIDE TYPE	
PART NUMBER	APPLICATION
C1CXLXXARXN6S4X	STANDARD/MODERATE VERSION, SUITABLE FOR ABRASIVE MATERIALS AND LOW/MEDIUM BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES, HAS CHEMICAL RESISTANCE
C1CXLXXBRXN6S4X	SEVERE VERSION, SUITABLE FOR HIGHLY ABRASIVE MATERIALS AND HIGH BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES
C1CXLXXCRXN6S4X	EXTREME VERSION, SUITABLE FOR EXTREMELY ABRASIVE MATERIALS AND HIGHEST BELT SPEEDS, NOT ALLOWED FOR MECHANICAL SPLICES

(PART NUMBER 5TH X) SWAGE SLEEVES/THIMBLES MATERIAL	
PART NUMBER	SWAGE SLEEVES/THIMBLES MATERIAL
C1CXLXXXRAN6S4X	ALUMINUM SWAGE SLEEVES/GALV THIMBLES
C1CXLXXXRCN6S4X	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
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

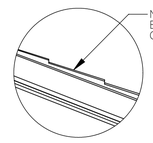




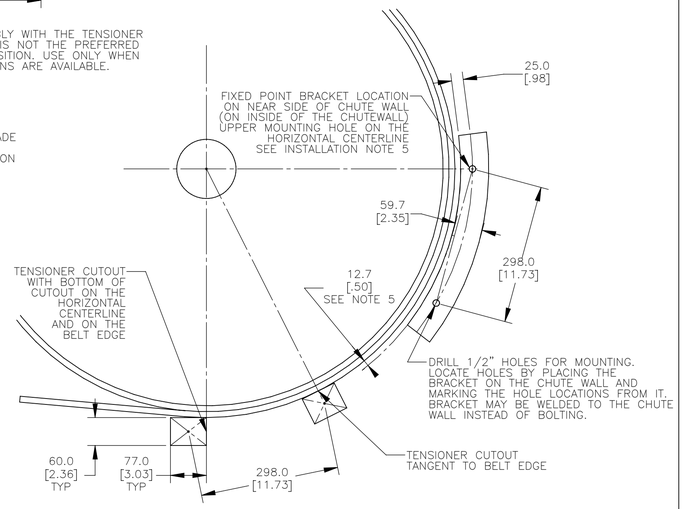
NOTES:
1) ALL DIMENSIONS ARE GIVEN IN MILLIMETERS [INCHES].
2) ALL DIMENSIONS ARE FOR REFERENCE ONLY.
3) IN THE "C1C" PART NUMBER:
THE FIRST X INDICATES THE ASSEMBLY TYPE:
B = BLADE ONLY ASSEMBLY (NO TENSIONER)
S = SYSTEM ASSEMBY WITH TENSIONER
THE "L" INDICATES A "LARGE" CLEANSCRAPE BLADE/SYSTEM ASSEMBLY
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 C1CXLXXARCXXXXX 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 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) LOCATE AND INSTALL THE FIXED POINT MOUNT BRACKET ON THE INSIDE OF THE NEAR 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 UPPER MOUNTING HOLE ON THE HORIZONTAL CENTERLINE. 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.

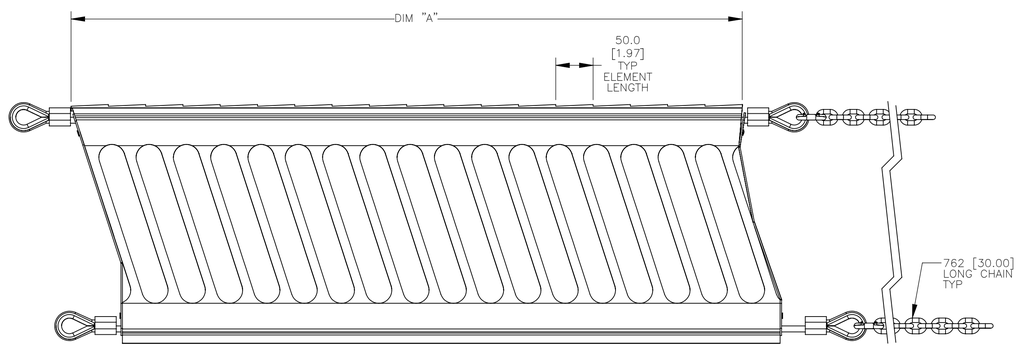
INSTALLATION NOTES:
6) ON THE FAR SIDE OF THE CHUTE WALL MARK THE LOCATION OF THE TENSIONER CUTOUTS. SEE THE CUTOUT DETAIL. WELD THE TENSIONER MOUNT BRACKETS TO THE CHUTE WALL POSITIONED OVER THE CUTOUTS. BOLT THE TENSIONERS TO THE TENSIONER MOUNT BRACKETS. LEAVE THE ADJUSTMENT BOLTS LOOSE AT THIS TIME.
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.



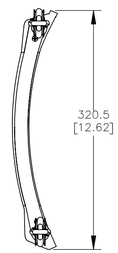
DETAIL A
SCALE 3 : 8



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



BLADE DETAIL
SCALE 1:4



MARTIN ENGINEERING—USA
NEPONSET, IL USA

NO.	DESCRIPTION	ECN	DATE	BY
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

SOLIDWORKS REVISION

TITLE: CLEANSCRAPE LARGE CLEANER ASM'S WITH SINGLE 4.2kN TENS AT LOWER END OF BLD

SALES DRAWING

PR13395D

S50128-LLT

DRAWN RND DATE 09/27/18
CHECKED
ENG. YAP DATE 10/15/18
APPROVED JBB DATE 10/15/18
SCALE 5:32