PART NUMBER (2ND, 3RD, & 4TH X)	BELT WIDTH [IN]
C1CLXRS60XXX	60
C1CLXRS66XXX	66
C1CLXRS72XXX	72
C1CLXRS78XXX	78
C1CLXRS84XXX	84
C1CLXRS90XXX	90
C1CLXRS96XXX	96

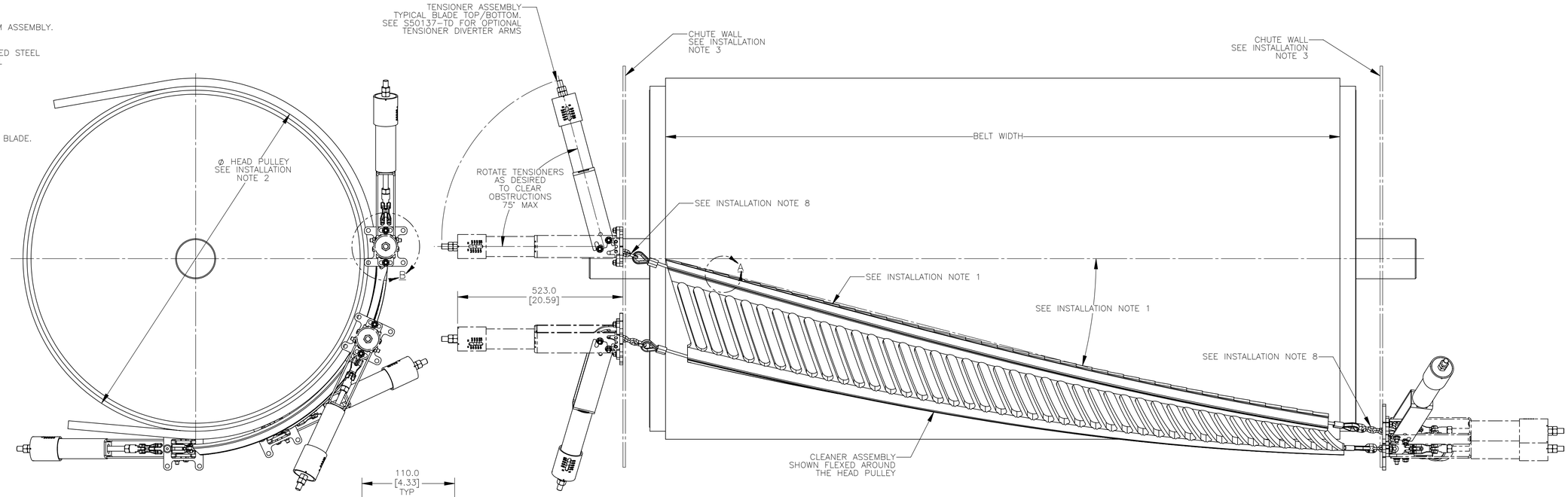
PART NUMBER (2ND, 3RD, & 4TH X)	BELT WIDTH [MM]
C1CLXR150XXX	1500
C1CLXR160XXX	1600
C1CLXR165XXX	1650
C1CLXR180XXX	1800
C1CLXR200XXX	2000
C1CLXR210XXX	2100
C1CLXR220XXX	2200
C1CLXR225XXX	2250
C1CLXR240XXX	2400
C1CLXR260XXX	2600

(PART NUMBER FIRST X) TENSIONER/INSTALLATION KIT REQUIREMENTS AND MATERIAL			
PART NUMBER	NUMBER OF BLADE ELEMENTS	TENSIONER/TENSIONER SIZE/INSTALLATION KIT MATERIAL	P/N INSTALLATION KIT
C1CLBRXXXXXXX	NOT APPLICAPABLE	NO TENSIONER/BLADE ONLY FOR DUAL TENSIONER	------
C1CLTRXXXXXXX	30 THRU 39	DUAL 4.2KN TENSIONER STL	C1CT4DT
C1CLTRXXXXXXX	40 AND ABOVE	DUAL 6.6KN TENSIONER STL	C1CT6DT
C1CLSRXXXXXXX	30 THRU 39	DUAL 4.2KN TENSIONER SS	C1CT4DS
C1CLSRXXXXXXX	40 AND ABOVE	DUAL 6.6KN TENSIONER SS	C1CT6DS

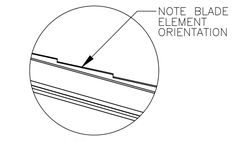
(PART NUMBER 5TH X) BLADE CARBIDE TYPE	
PART NUMBER	APPLICATION
C1CLXRXXXAXX	STANDARD/MODERATE VERSION, SUITABLE FOR ABRASIVE MATERIALS AND LOW/MEDIUM BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES, HAS CHEMICAL RESISTANCE
C1CLXRXXXBXX	SEVERE VERSION, SUITABLE FOR HIGHLY ABRASIVE MATERIALS AND HIGH BELT SPEEDS, ALLOWED FOR MECHANICAL SPLICES
C1CLXRXXXCXX	EXTREME VERSION, SUITABLE FOR EXTREMELY ABRASIVE MATERIALS AND HIGHEST BELT SPEEDS, NOT ALLOWED FOR MECHANICAL SPLICES

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

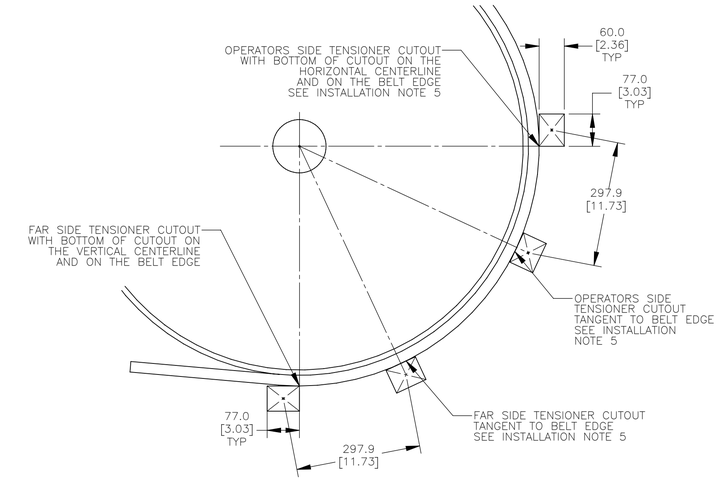
NOTES:
1) ALL DIMENSIONS ARE GIVEN IN MILLIMETERS [INCHES].
2) ALL DIMENSIONS ARE FOR REFERENCE ONLY.
3) IN THE C1C PART NUMBER:
THE L INDICATES A LARGE CLEANSCRAPE BLADE/SYSTEM ASSEMBLY.
THE FIRST X INDICATES THE ASSEMBLY TYPE:
B = BLADE ASSEMBLY, NO TENSIONER
T = BLADE ASSEMBLY, TENSIONER STANDARD PAINTED STEEL
S = BLADE ASSEMBLY, TENSIONER STAINLESS STEEL
THE R INDICATES RUBBER BLADE BODY MATERIAL.
THE NEXT XXX INDICATES THE BELT WIDTH:
SXX = INCH BELT WIDTH
XXX = MM BELT WIDTH / 10
THE NEXT X INDICATES BLADE CARBIDE TYPE:
A = A CARBIDE GRADE
B = B CARBIDE GRADE
C = C CARBIDE GRADE
THE LAST XX INDICATES NUMBER OF ELEMENTS IN THE BLADE.



DETAIL B
SCALE 3 : 8 (A)

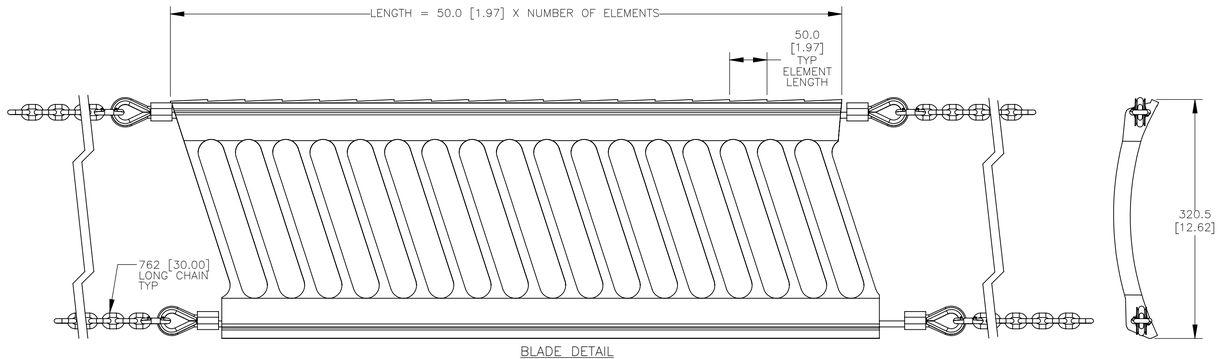


DETAIL A
SCALE 3 : 8



TENSIONER CHUTE CUTOUT LOCATIONS
SCALE 9:64

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. THE IDEAL INSTALLATION ANGLE IS BETWEEN 17° AND 19°. ANGLES FROM 15° TO 21° ARE ACCEPTABLE BUT TENSIONER TENSION NEEDS TO BE ADJUSTED AS THE ANGLE CHANGES FROM THE IDEAL ANGLE. CLEANER MUST NOT LIE IN THE MATERIAL PATH.
2) 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.
3) 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.
4) ON THE FAR SIDE OF THE CHUTE WALL MARK THE LOCATION OF THE TENSIONER CUTOUTS. LOCATE THE TOP TENSIONER CUTOUT WITH THE BOTTOM OF THE CUTOUT ON THE VERTICAL CENTERLINE (AT THE 6:00 O'CLOCK POSITION), AND THE INSIDE OF THE CUTOUT ON THE BELT EDGE. THIS POINT MAY BE ROTATED UP TO RAISE THE CLEANER AS LONG AS THE TOP OF THE CLEANER IS OUT OF THE MATERIAL FLOW. THIS POINT MAY BE ADJUSTED (ROTATED) TO ENSURE IT DOES NOT GO PAST THE BELT EXIT POINT ON THE HEAD PULLEY. SEE THE CUTOUT DETAIL.
5) ON THE OPERATORS SIDE OF THE CHUTE WALL MARK THE LOCATION OF THE TENSIONER CUTOUTS. LOCATE THE TOP TENSIONER CUTOUT WITH THE BOTTOM OF THE CUTOUT ON THE HORIZONTAL CENTERLINE (AT THE 3:00 O'CLOCK POSITION), AND THE INSIDE OF THE CUTOUT ON THE BELT EDGE. ADJUST THE TENSIONER CUTOUTS AS REQUIRED TO KEEP THE CLEANER BELOW THE PRODUCT DISCHARGE POINT AND AT THE SPECIFIED INSTALLATION ANGLE. THE TOP OF THE CLEANER SHOULD NOT BE ABOVE THE 2:00 O'CLOCK POSITION. SEE THE CUTOUT DETAIL. BOLT OR WELD THE TENSIONER MOUNT BRACKETS TO THE OUTSIDE OF THE CHUTE WALLS POSITIONED OVER THE CUTOUTS. BOLT THE TENSIONERS TO THE TENSIONER MOUNT BRACKETS. LEAVE THE ADJUSTMENT BOLTS LOOSE AT THIS TIME.
6) ASSEMBLE THE CHAIN AND THE CHAIN LINKS TO THE ENDS OF THE BLADE. ATTACH THE CLEANER TO THE LOWER TENSIONERS. 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 OPERATORS SIDE 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 TENSIONER BRACKETS SO THE OUTER TWO ELEMENTS ON EACH SIDE OF THE CLEANER ARE APPROXIMATELY 3.3 [.13] AWAY FROM THE BELT. INCREASE THE RELIEF AS NECESSARY TO ENSURE MECHANICAL SPLICES WILL PASS. TIGHTEN ALL BOLTS.
7) TENSION THE CLEANER PER THE RECOMMENDED TENSION IN THE MANUAL.
8) THE LENGTH OF THE CHAIN OR CABLE MUST NOT EXCEED 125 [5.00] ON EITHER SIDE OF THE CLEANER. EXCESS CHAIN OR CABLE COULD RESULT IN VIBRATION THAT COULD DAMAGE THE BELT OR THE CLEANER.



BLADE DETAIL
SCALE 1:4

NO.	DESCRIPTION	ECN	DATE	BY
A	ADDED DETAIL B.	16228	11/18/22	MH

SOLIDWORKS REVISION

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MARTIN ENGINEERING—USA
NEPONSET, IL USA

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

SALES DRAWING: PR13941

S50137-LD

DRAWN RND DATE 03/10/20
CHECKED ENG. DATE 03/17/20
APPROVED DATE 03/17/20
SCALE 9:64