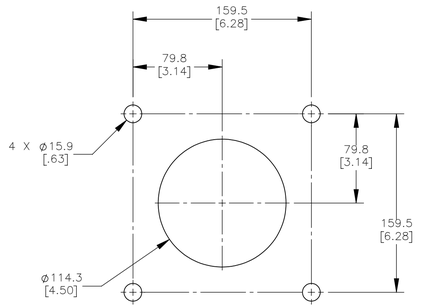
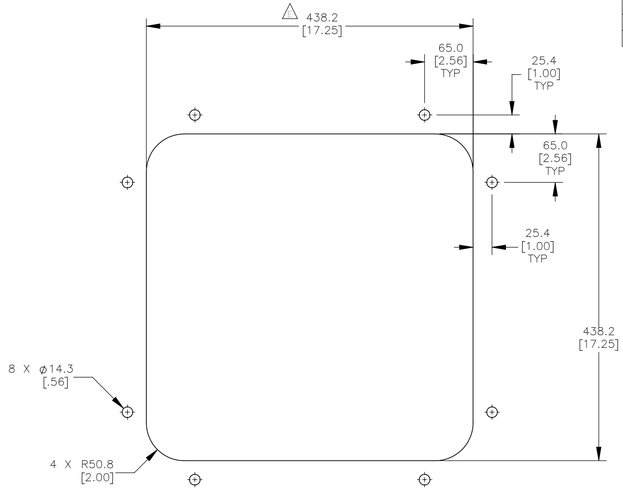
PART NUMBER	BELT WIDTH	DIM "A" MAX FRAME LENGTH	DIM "B" BLADE COVERAGE
35899D54XX48XXX	1350–1400 [54.00]	2590.8 [102.00]	1219.2 [48.00]
35899D60XX54XXX	1500 [60.00]	2743.2 [108.00]	1371.6 [54.00]
35899D72XX66XXX	1800 [72.00]	3048.0 [120.00]	1676.4 [66.00]
35899D78XX72XXX	2000 [78.00]	3200.4 [126.00]	1828.8 [72.00]
35899D84XX72XXX	2200 [84.00]	3352.8 [132.00]	1828.8 [72.00]
35899D84XX78XXX	2200 [84.00]	3352.8 [132.00]	1981.2 [78.00]
35899D96XX84XXX	2400–2500 [96.00]	3657.6 [144.00]	2133.6 [84.00]
35899D96XX90XXX	2400–2500 [96.00]	3657.6 [144.00]	2286.0 [90.00]
35899D102XX96XXX	2600 [102.00]	3810.0 [150.00]	2438.4 [96.00]
35899D108XX102XXX	2800 [108.00]	3962.4 [156.00]	2590.8 [102.00]
35899D114XX108XXX	2900 [114.00]	4267.2 [168.00]	2743.2 [108.00]
35899D120XX114XXX	3000 [120.00]	4267.2 [168.00]	2895.6 [114.00]
35899D126XX120XXX	3200 [126.00]	4419.6 [174.00]	3048.0 [120.00]

BLADE COLOR CHART	
ASSEMBLY PART NO.	BLADE COLOR
35899–XXXXXXX	ORANGE
35899–XXXXXXBRX	BROWN
35899–XXXXXXCLX	TAN
35899–XXXXXXGRX	GREEN
35899–XXXXXXNBX	NAVY BLUE



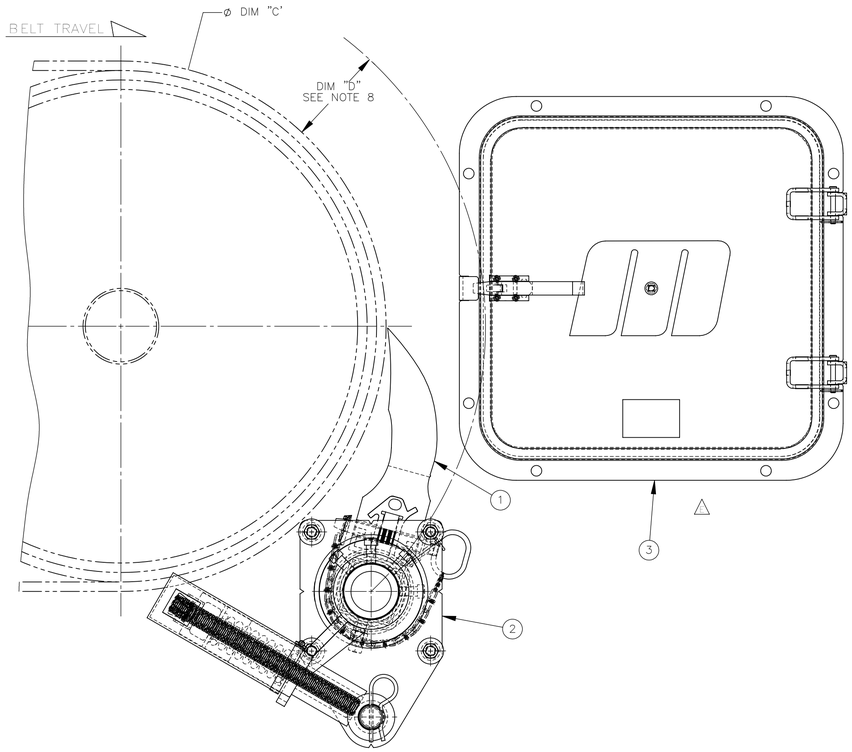
TENSIONER CHUTE CUTOUT DETAIL
SCALE 3:8
TYPICAL BOTH SIDES

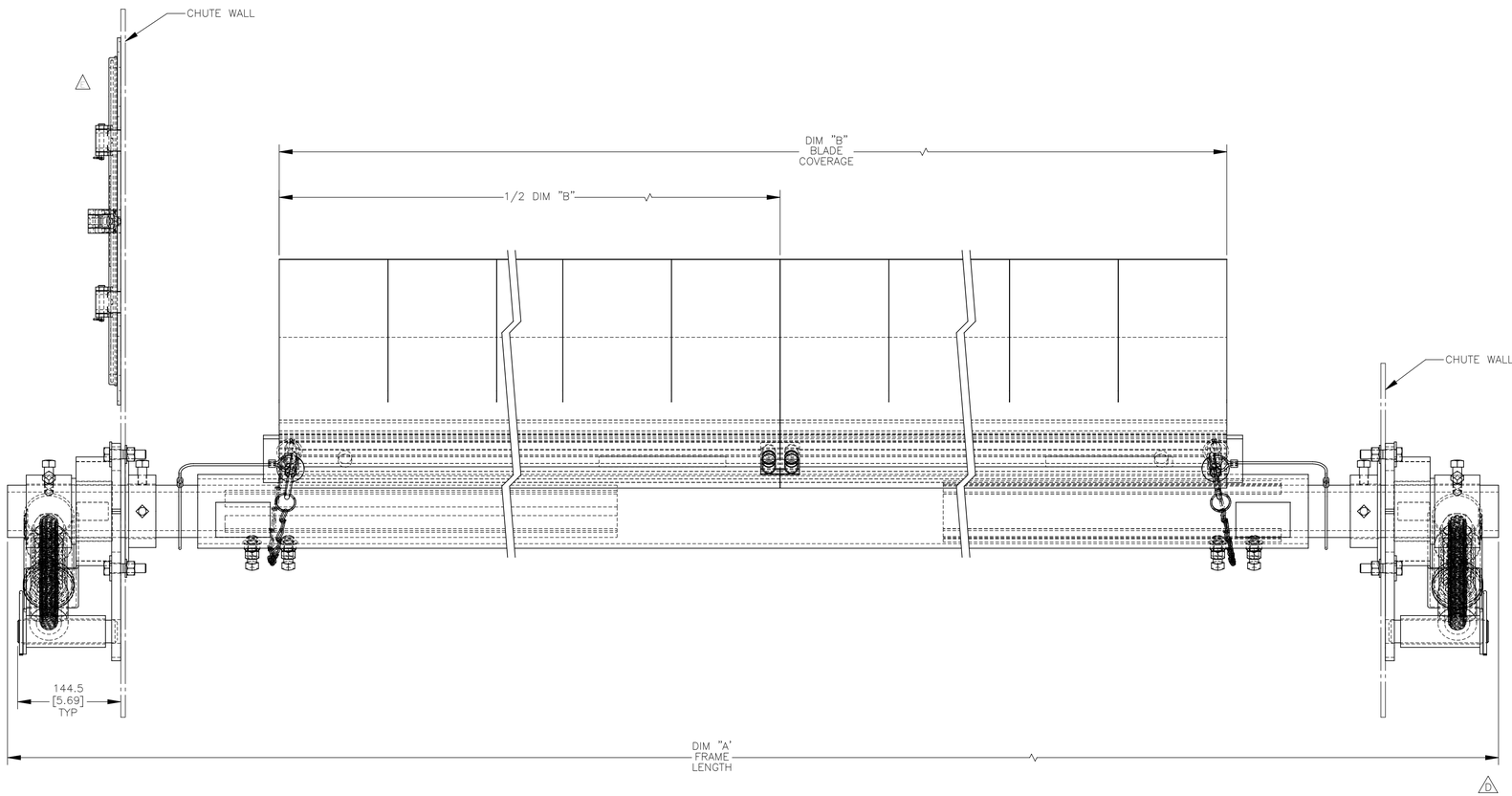
ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	MARTIN QC1 XHD DUAL BLADE ASM	SEE CHART
2	1	MARTIN XHD DUAL SPRING TENSIONER	38003–2
3	1	MARTIN LOW PROFILE ACCESS DOOR	CYA–1818



ACCESS DOOR CUTOUT DETAIL
SCALE 1:4

MOUNTING LOCATION CHART	
ø DIM "C" HEAD PULLEY DIA. INCLUDING BELT AND LAGGING	DIM "D"
406.4 [16.00]	146.1 [5.75]
508.0 [20.00]	139.7 [5.50]
609.6 [24.00]	133.4 [5.25]
711.2 [28.00]	127.0 [5.00]
762.0–3048.0 [30.00–120.00]	120.7 [4.75]





NOTES:
1) ALL DIMENSIONS ARE GIVEN IN MM [INCHES].
2) ALL DIMENSIONS ARE FOR REFERENCE ONLY.
3) FOR EASY ACCESSIBILITY AND MAINTENANCE, MARTIN ENGINEERING RECOMMENDS BOLTING CLEANER TO EXISTING STRUCTURE WHEN APPLICABLE.
4) CLEANER IS SHOWN IN RECOMMENDED WORKING POSITION.
5) WHERE EXTREME OR UNUSUAL CONDITIONS EXIST, OR SPECIAL MAINFRAME LENGTHS ARE REQUIRED CONTACT MARIN ENGINEERING.
6) REFER TO OPERATOR'S MANUALS M3504, & M3127 FOR COMPLETE INSTALLATION INSTRUCTIONS.
7) CLEANER CAN BE LOCATED ANYWHERE ALONG THE ARC, AS LONG AS THE MAINFRAME IS OUT OF MATERIAL TRAJECTORY AND THE BLADE TIPS ARE BELOW THE HORIZONTAL CENTERLINE OF THE HEAD PULLEY.
8) THE XHD QC1 PRE–CLEANER BLADES ARE DESIGNED TO REMOVE HEAVY CARRYBACK ONLY. DO NOT OVERTENSION.
9) ONE FULL TURN OF THE TENSIONING NUT ON THE SPRING TENSIONER IS EQUAL TO 5.1 [.20].
10) BLADE COVERAGE IS LESS THAN BELT WIDTH, DUE TO POSSIBLE MISTRACKING OR DAMAGED EDGES OF THE BELT.
△D 11) THE FIRST TWO XX'S OF THE CLEANER PART NUMBER INDICATE BELT WIDTH. THE THIRD X INDICATES SOLID (1). THE FOURTH X INDICATES SOLID (1) OR SEGMENTED (0). THE NEXT TWO XX'S INDICATE BLADE WIDTH. THE LAST TWO XX'S INDICATE BLADE COLOR/MATERIAL.
EXAMPLE: 35899D541148BR (54.00 BELT WIDTH 48.00 SOLID DUAL BROWN BLADE).

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MARTIN ENGINEERING
NEPONSET, IL USA

NO.	DESCRIPTION	ECN	DATE	BY
E	CHG'D P/N ITEM 3 FROM CYA–1218 TO CYA–1818, DIM 284.2 TO 438.2; IN TITLE BLOCK, CHG "12X18" TO "18X18"; UPDATE PICTORALLY	16025	12/15/21	JRB
D	REDRAWN IN SOLIDWORKS, RMVD THE BLADE SLITTING OPTION FROM THE NOTES	15525B	01/16/20	RND

SOLIDWORKS REVISION SUPERSEDES SAME SIZE DATED 02/03/11

TITLE: MARTIN QC1 XHD DUAL BLD PRE–CLEANER W/XHD DUAL SPRING TENS &△18X18 ACCESS DOOR

SALES DRAWING

MD0819

S50033D–D

DRAWN RND DATE 01/16/20
CHECKED
ENG. JRB DATE 10/29/20
APPROVED JRB DATE 11/10/20
SCALE 1:4

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