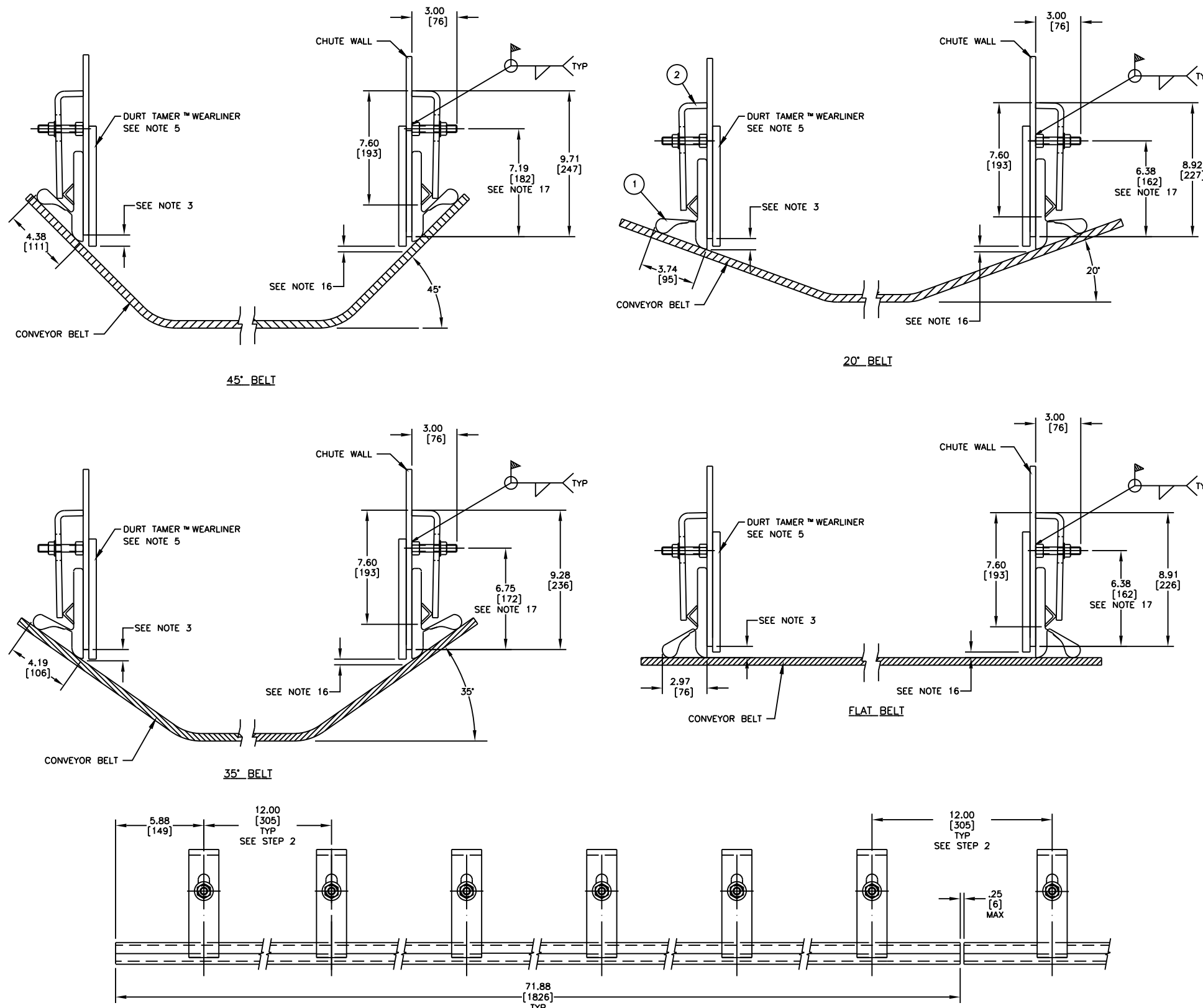


ITEM	QTY.	DESCRIPTION	PART NUMBER
1	*	APRON SEAL™ 1-PC HD W/6.00 HI BACK	100808
2	**	ANGLE CLAMP WELDMENT W/HARDWARE	32049-H

**INSTALLATION DETAIL**

ALL DIMENSIONS TYPICAL  
EACH SIDE OF CONVEYOR  
ON ALL LAYOUTS



\* - SPECIFY LENGTH NEEDED IN FEET.  
\*\* - EACH WELDMENT IS 71.88 [1826] LONG. (1) WELDMENT REQUIRED PER EVERY 6'-0" [1829] OF 1-PC HD APRON SEAL™ (ITEM 1). (1) STUD AND (2) NUTS ARE SUPPLIED WITH ITEM 2 FOR EACH FOOT OF 1-PC HD APRON SEAL™. (1) NUT IS USED TO HOLD THE ANGLE CLAMP IN PLACE ON THE STUD, THE OTHER CAN BE WELDED TO THE CHUTE WALL AND THEN INSERT THE STUD.

**NOTES:**

- 1) ALL DIMENSIONS ARE GIVEN IN INCHES [MM].
- 2) ALL DIMENSIONS ARE FOR REFERENCE ONLY.
- 3) MARTIN ENGINEERING RECOMMENDS CHUTE WALL TO BE WITHIN .75 [19] OF BELT.
- 4) A MIN. OF 10.00 [254] VERTICAL AND 4.00 [102] HORIZONTAL CLEARANCE REQUIRED TO INSTALL 1-PC HD APRON SEAL™ AND ANGLE CLAMPS.
- 5) TO PROVIDE AN EFFECTIVE SEAL, DURT TAMER™ WEARLINERS (STRAIGHT OR DEFLECTOR) ARE RECOMMENDED TO PREVENT THE MAIN LOAD FROM CONTACTING THE 1-PC HD APRON SEAL™ (STRAIGHT WEARLINER SHOWN).
- 6) IF DURT TAMER™ WEARLINERS ARE BOLTED TO CHUTE WALL, 1-PC HD APRON SEAL™ AND ANGLE CLAMPS ARE TO BE MOUNTED IN A MANNER AS TO ALLOW EASY ACCESS TO BOLTS.
- 7) 1-PC HD APRON SEAL™ IS DESIGNED AS A DUST SEAL ONLY. IT IS NOT TO BE USED AS A MATERIAL HOLDBACK OR LOAD CARRYING SURFACE.
- 8) BELT MUST NOT LIFT OFF IDLERS DURING START-UP OR WHILE BELT IS IN OPERATION.
- 9) BELT MUST TRACK PROPERLY TO PREVENT IT FROM RUNNING BEHIND 1-PC HD APRON SEAL™.
- 10) CONSULT MARTIN ENGINEERING FOR INSTALLATIONS WITH UNUSUAL OR SEVERE CONDITIONS, I.E.: CONCAVE/CONVEX CURVES, EXTREME SIDE PRESSURE, UNUSUALLY FAST OR SLOW MOVING BELTS, TEMPERATURE EXTREMES, ETC.
- 11) 1-PC HD XHD APRON SEAL™ AND DURT TAMER™ WEARLINER SHOULD BEGIN AT LEAST 12.00 [305] BEFORE INLET SIDE OF CHUTE WALL.
- 12) CONTACT MARTIN ENGINEERING PRIOR TO MOUNTING THESE PRODUCTS IN ANY WAY OTHER THAN WHAT IS DEPICTED ON THIS DRAWING OR IN OPERATOR'S MANUAL (M3248).
- 13) ANGLE CLAMP WELDMENT (ITEM 2) IS TO BE FULLY TIGHTENED AGAINST CHUTE WALL.
- 14) ANGLE CLAMP WELDMENT MUST HAVE FIRM BACKING TO ENSURE PROPER CLAMP FORCE.
- 15) REFER TO OPERATOR'S MANUAL M3248 DURING INSTALLATION. THIS DRAWING NOT TO BE USED IN PLACE OF OPERATOR'S MANUAL.
- 16) .38 [10] MAX. IN IMPACT AREA, TAPERING TO .75 [19] AT THE EXIT AREA.
- 17) FOR FLAT TO 35° BELTS USE PRE-FAB CHUTE WALL P/N 33564-35. FOR 45° BELTS USE P/N 33564-45.

**INSTALLATION INSTRUCTIONS**

- STEP 1: SCRIBE A LINE PARALLEL TO BELT SURFACE 6.38 [162] ABOVE BELT. (NOTE: 35° BELT USE 6.75 [172] AND 45° BELT USE 7.19 [182])
- STEP 2: ALONG THIS LINE, MAKE FIRST MARK 5.88 [150] FROM END OF CHUTE WALL AND MARK EVERY 12.00 [305].
- STEP 3: ON THESE MARKED CENTERS, WELD 1/2 NUTS. INSTALL STUDS INTO WELDED NUTS. MAKE SURE THAT STUDS ARE PERPENDICULAR TO THE CHUTE WALL TO ENSURE EVEN CLAMP CONTACT.
- STEP 4: PLACE 1-PC HD APRON SEAL™ AGAINST CHUTE WALL, MAKING SURE IT IS IN CONTINUOUS CONTACT WITH BELT. PLACE ANGLE CLAMP WELDMENT OVER PREVIOUSLY INSTALLED STUDS.
- STEP 5: PUSH ANGLE CLAMP WELDMENT TIGHT AGAINST 1-PC HD APRON SEAL™ AND INSTALL LOCKING NUTS. TIGHTEN NUTS TO 40 FT/LBS.

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<b>MARTIN ENGINEERING</b>		NEPONSET ILLINOIS USA
TITLE	INSTALLATION DRAWING FOR 1-PC HEAVY DUTY APRON SEAL™ WITH 6.00 HI BACK	DRAWN RND DATE 10/10/06
		CHECKED DATE 10/11/06
		APPROVED DATE 10/11/06
NO.	DESCRIPTION	ECN DATE BY
AutoCAD	REVISION	
		SALES DRAWING
		M00676 S50042
		SCALE 1/4