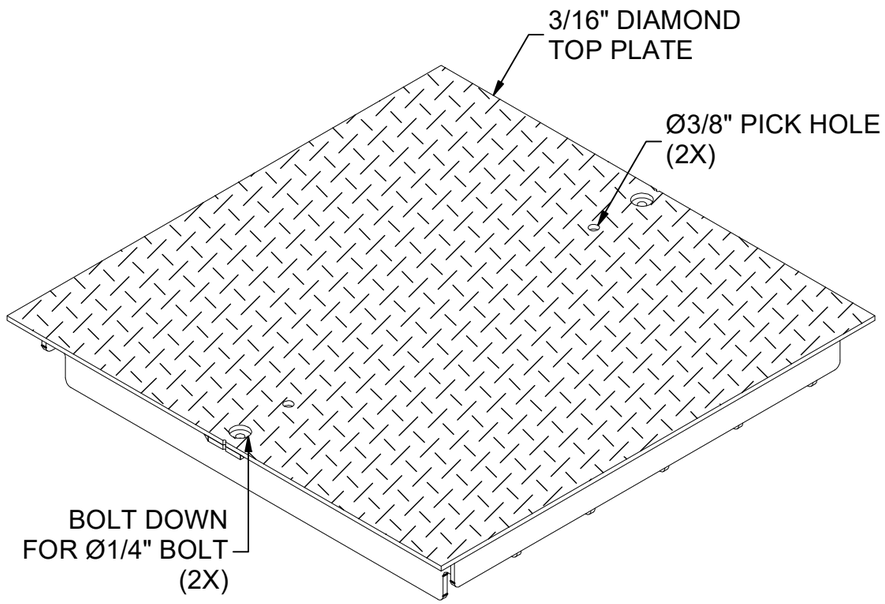
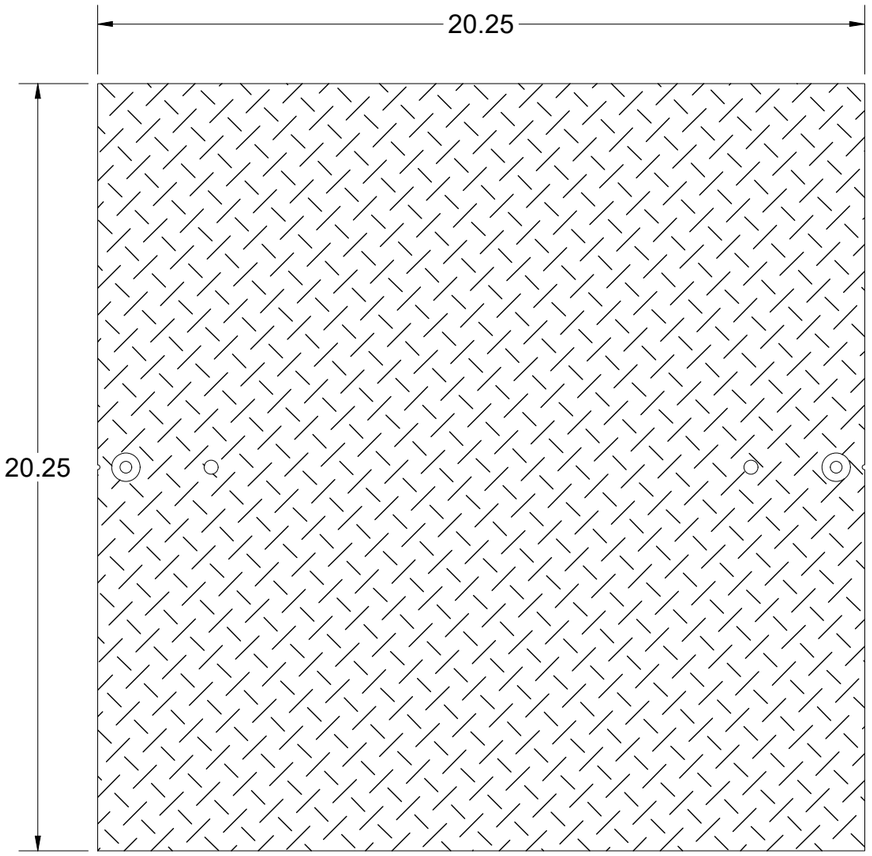
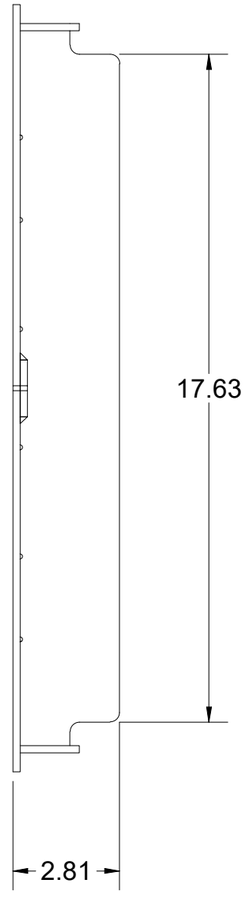
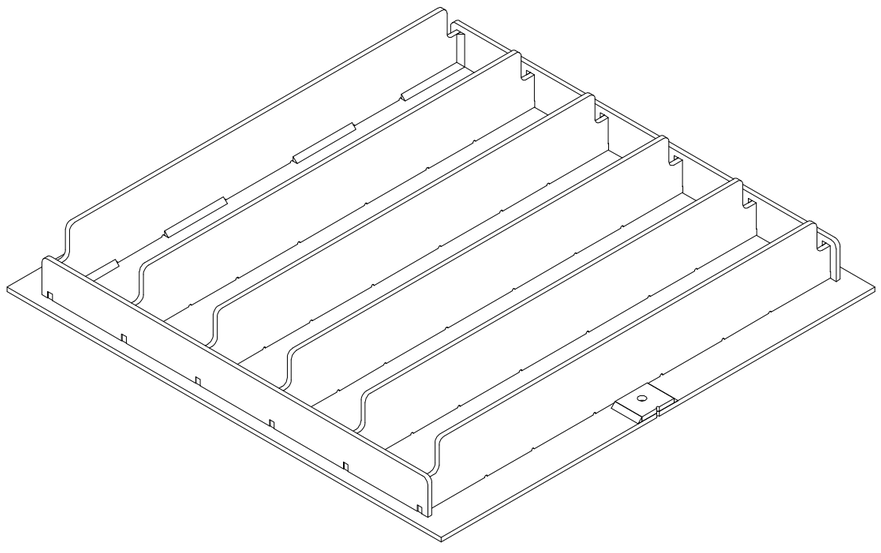
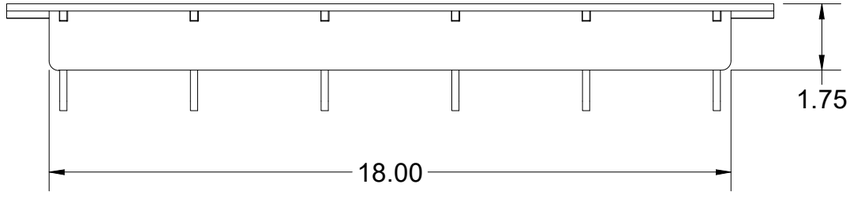










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LOADING CRITERIA: ASTM C1802 Load Level 05

16,000 lb load on 10" x 20" footprint, with 30% impact restricted to unrestricted parking lanes and alleyways where traffic speed is limited to 15 miles per hour.

SURFACE:	Diamond Plate	FINISH:	Galvanized
WEIGHT:	42.85 lbs	MARKING:	None

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DESCRIPTION: DAS1-SD-1818-D5-DP-G-BD-BRKS

18x18 Standard Door Assembly (Loading Criteria Per ASTM C1802 Load Level 05, Single Door, Steel, Drop In, N/A, Diamond Plate, Galvanized , , BRKS)

PART NUMBER:	100025842	DRAWN BY:	D. Parlee
CREATED:	10/31/2023	MODIFIED:	4/16/2024

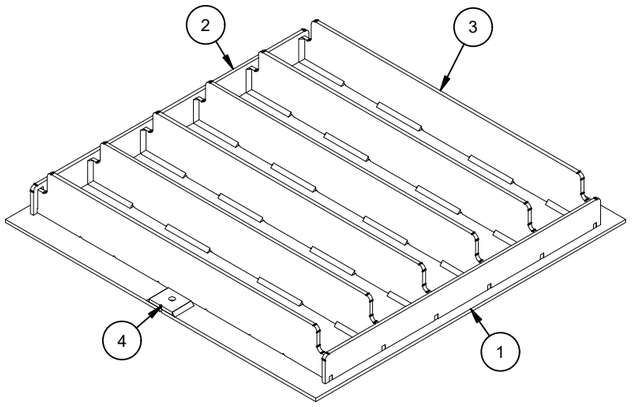
REV: B-1

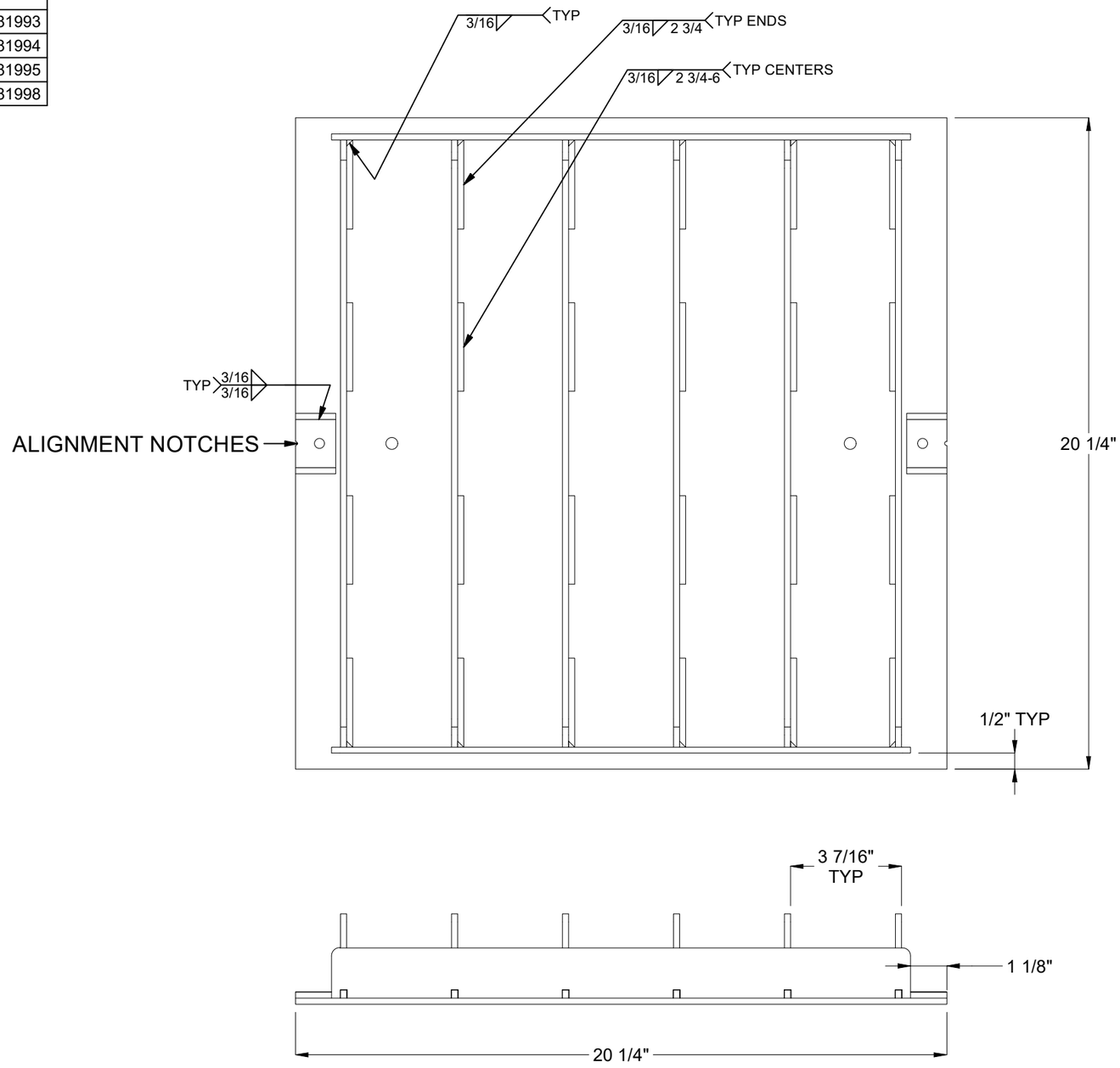
SHEET: 1

BILL OF MATERIALS

ITEM	ITEM QTY	QTY	PART NUMBER	DESCRIPTION	PART NAME
1	1	23.985 lbmass	100007814	Door Component Steel Plate, Top	200081993
2	2	2.951 lbmass	100007734	Door Component Steel Stiffener, Bar	200081994
3	6	15.300 lbmass	100007734	Door Component Steel Stiffener, Plate	200081995
4	2	0.191 lbmass	100007734	Bolt Retainer	200081998

USE ALIGNMENT FEATURES AND WELD INDICATORS





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REVISION HISTORY	
DESCRIPTION	DATE

MATERIAL FINISH: Galvanized

MATERIAL SURFACE: Diamond Plate

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PART NUMBER & DESCRIPTION: 100025842 DAS1-SD-1818-D5-DP-G-BD-BRKS

REV: B-1

WEIGHT: 42.85 Lbs

DRAWN BY: D. Parlee

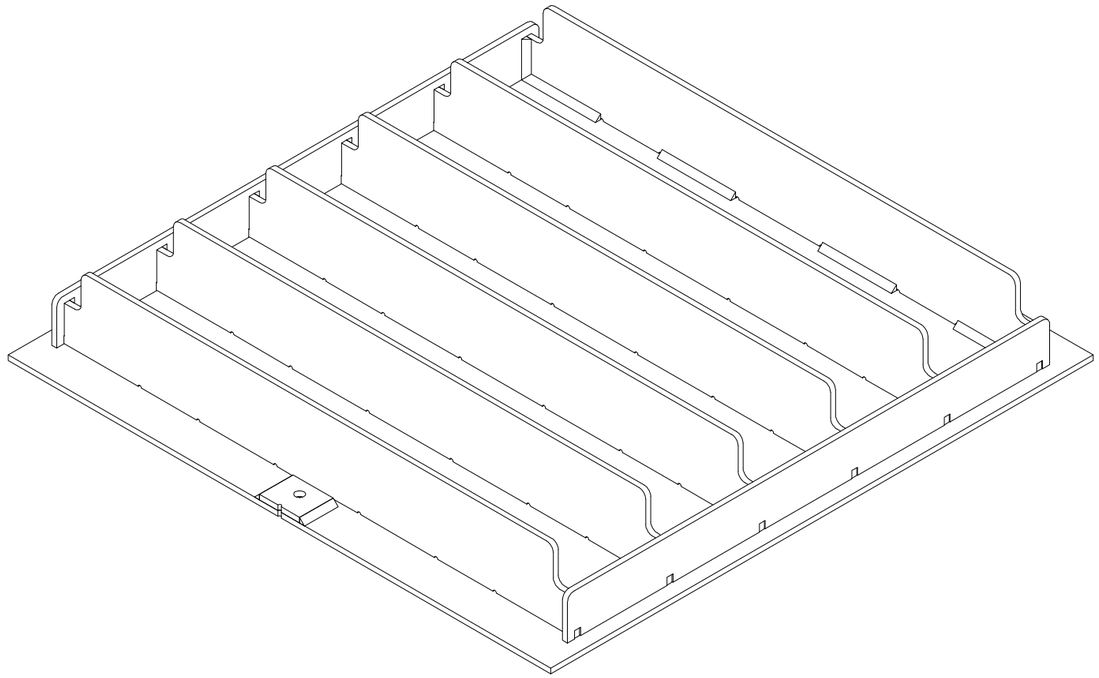
CREATED: 10/31/2023

MODIFIED: 4/16/2024

SHEET: 2

BURN LIST - BOM

PART NAME	ITEM QTY	QTY	DESCRIPTION	STOCK NUMBER	MATERIAL	MASS	SHEET
200081993	1	23.985 lbmass	Door Component Steel Plate, Top	100007814	SHT STL CQ DP RAW .1875	23.985 lbmass	04
200081994	2	2.951 lbmass	Door Component Steel Stiffener, Bar	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	1.476 lbmass	05
200081995	6	15.300 lbmass	Door Component Steel Stiffener, Plate	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	2.550 lbmass	06
200081998	2	0.191 lbmass	Bolt Retainer	100007734	STL ASTM A36 SM-HRPO 60X120 RAW .1875	0.095 lbmass	07



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MATERIAL FINISH: Galvanized

MATERIAL SURFACE: Diamond Plate

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PART NUMBER & DESCRIPTION: 100025842 DAS1-SD-1818-D5-DP-G-BD-BRKS

REV: B-1

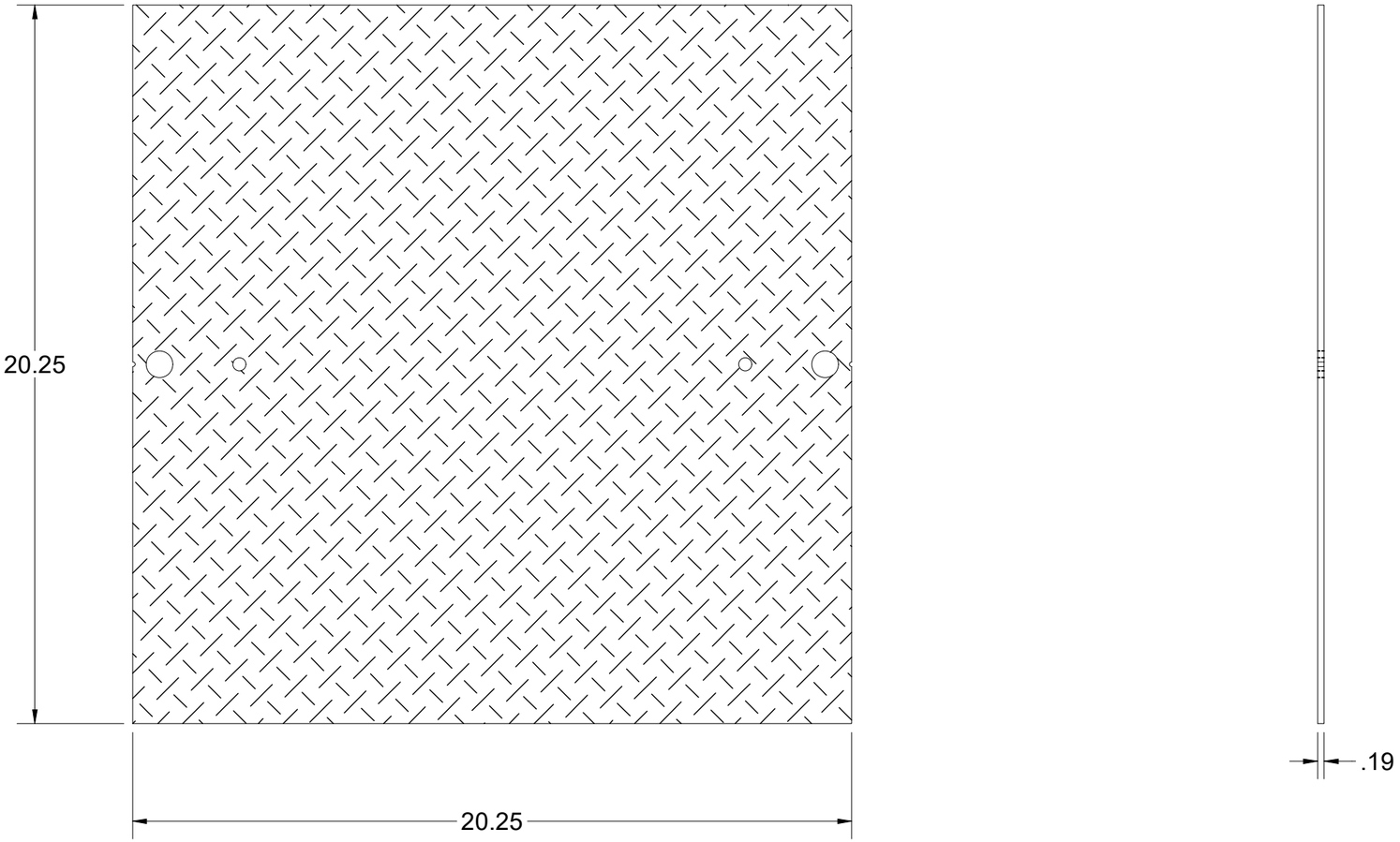
WEIGHT: 42.85 Lbs

DRAWN BY: D. Parlee

CREATED: 10/31/2023

MODIFIED: 4/16/2024

SHEET: 3



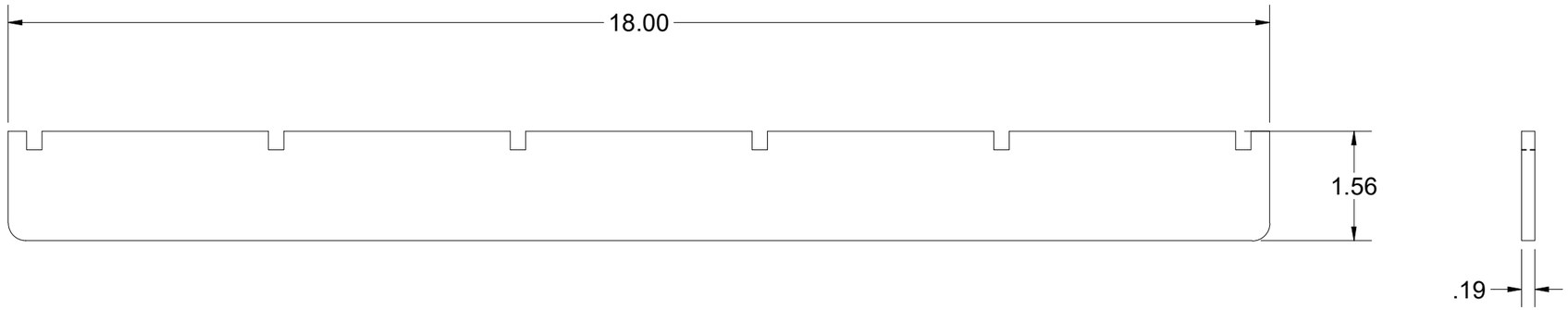
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BEND TABLE				MATERIAL IFS: 100007814			
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875			
-	-	-	-	MAT DESCRIPTION: SHT STL CQ DP RAW .1875			

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NAME & DESCRIPTION: 200081993 Door Component Steel Plate, Top		REV: B-1
WEIGHT: 23.985 lbmass	DRAWN BY: D. Parlee	SHEET: 4 OF 7
CREATED: 10/31/2023	MODIFIED: 4/16/2024	



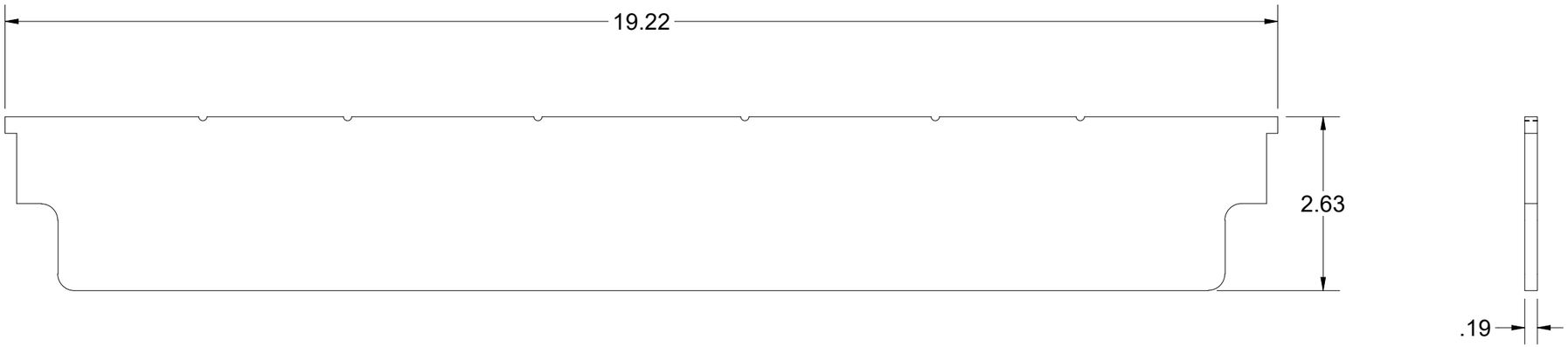
BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

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NAME & DESCRIPTION: 200081994 Door Component Steel Stiffener, Bar		REV: B-1
WEIGHT: 1.476 lbmass	DRAWN BY: D. Parlee	SHEET: 5 OF 7
CREATED: 10/31/2023	MODIFIED: 4/16/2024	

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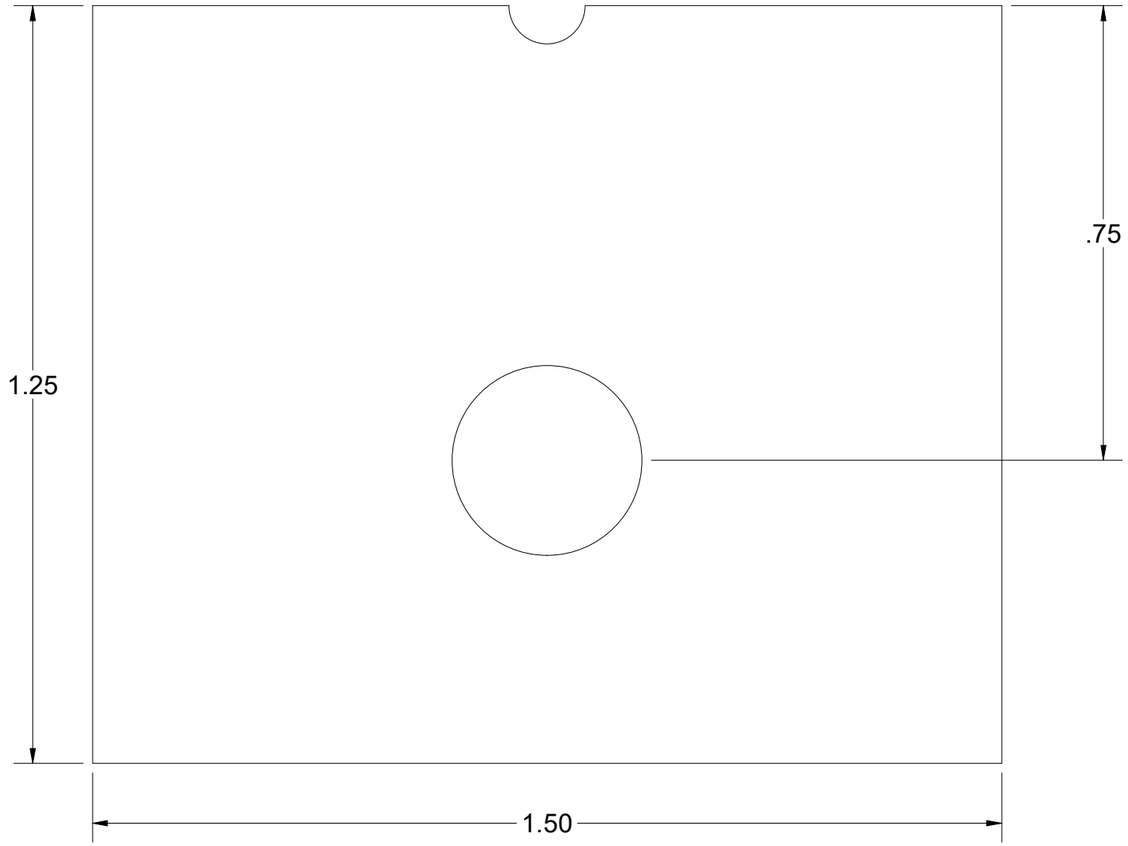
BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

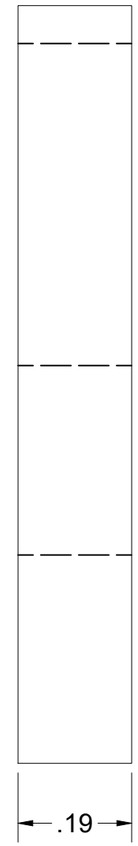
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NAME & DESCRIPTION: 200081995 Door Component Steel Stiffener, Plate		REV: B-1
WEIGHT: 2.550 lbmass	DRAWN BY: D. Parlee	SHEET: 6 OF 7
CREATED: 10/31/2023	MODIFIED: 4/16/2024	

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BEND TABLE				MATERIAL IFS: 100007734
BEND RADIUS	V-OPENING	BEND ANGLE	BEND DEDUCTION	MATERIAL THK: 0.1875
-	-	-	-	MAT DESCRIPTION: STL ASTM A36 SM-HRPO 60X120 RAW .1875

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NAME & DESCRIPTION:	200081998 Bolt Retainer		REV: B-1
WEIGHT: 0.095 lbmass		DRAWN BY: D. Parlee	SHEET: 7 OF 7
CREATED: 10/31/2023		MODIFIED: 4/16/2024	