1.0 GENERAL NOTES
- 1.1 ALL METRIC DIMENSIONS ARE IN BRACKETS [X. X]
- 1.2 FOR PATENT INFO: https://www.adwpat.com

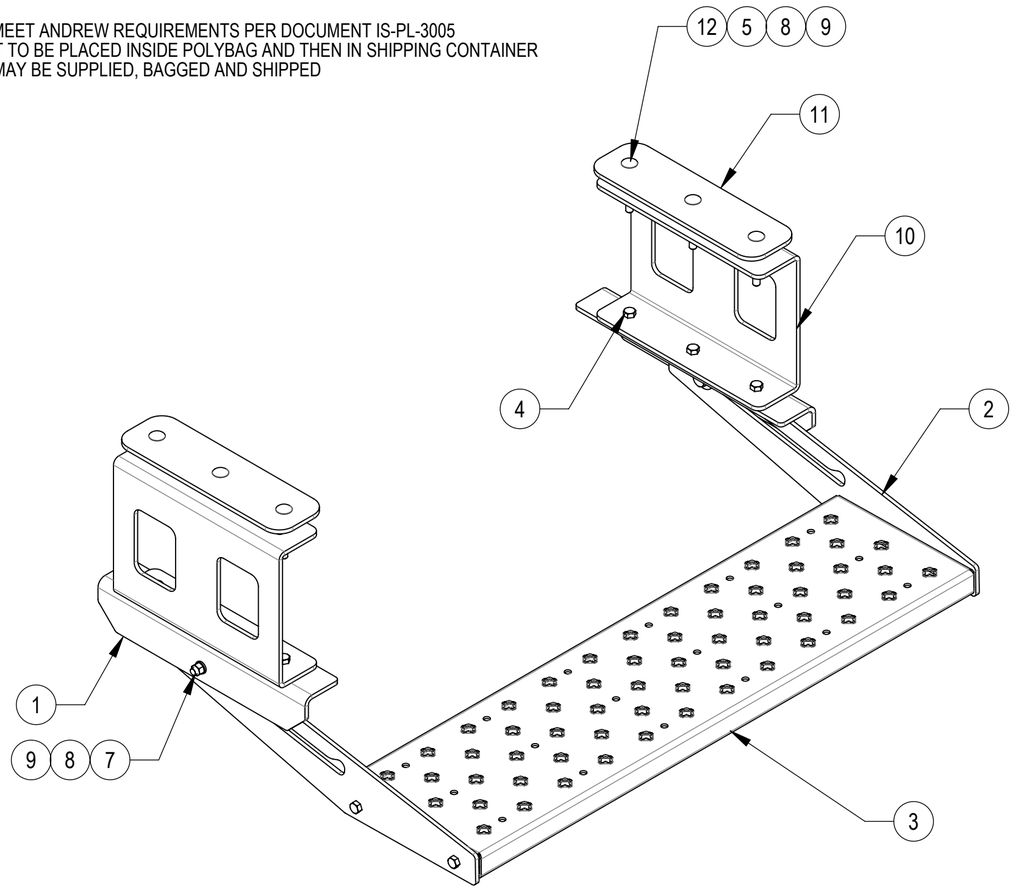
2.0 DESIGN NOTES
- 2.1 ANY HAZARDS OR OBSTRUCTIONS TO THE CLIMBING FACILITY AND SAFETY CLIMB MUST BE IDENTIFIED PRIOR TO INSTALLING THE APPURTENANCE. ADDITIONAL PRODUCTS MAY BE REQUIRED TO MAINTAIN THE INTEGRITY OF THE SAFETY CLIMB. DURING INSTALLATION, TEMPORARY AND/OR PERMANENT PRECAUTIONARY MEASURES SHOULD BE TAKEN TO PRESERVE THE CLIMBING FACILITY AND/OR SAFETY CLIMB.

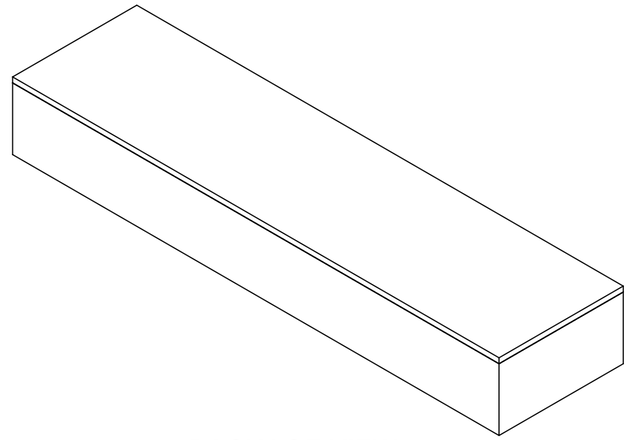
3.0 MANUFACTURING/SPECIAL REQUIREMENTS
- 3.1 TIGHTEN ALL BOLTS 3/8" OR LARGER SECURING FLAT PLATES SNUG TIGHT. TIGHTEN ALL U-BOLTS SNUG TIGHT, WITH ATTENTION TO LEAVE EQUAL DISTANCE AND EQUAL FORCE ON EACH LEG OF U-BOLT.
- 3.2 SNUG TIGHT IS DEFINED AS THE CONDITION OBTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN INSTALLER USING AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED LAYERS (PLIES) OF STEEL INTO FULL CONTACT.
- 3.3 FOR BOLTS IN A PATTERN, TIGHTEN IN A CRISS-CROSS OR STAR SEQUENCE, INCREASING TORQUE IN GRADUAL STEPS UNTIL SNUG TIGHT.

4.0 TEST

5.0 PACKAGING
- 5.1 PACKAGING SHALL MEET ANDREW REQUIREMENTS PER DOCUMENT IS-PL-3005
- 5.2 PRINTED DOCUMENT TO BE PLACED INSIDE POLYBAG AND THEN IN SHIPPING CONTAINER
- 5.3 EXTRA HARDWARE MAY BE SUPPLIED, BAGGED AND SHIPPED

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
C	REDESIGNED	JL1183 22APR26	YW1047 50108083AMO
D	MTC4214-SP04 WAS MTC4214-SP03; UPDATED VIEWS FOR MTC4214-SP01-00(ITEM 1) & MTC4214-SP02-00(ITEM 2) CHANGES.	JL1183 19MAY26	YW1047 50108083AMO
E	DESIGN CHANGE	YX1027 03JUN26	YW1047 50108729AMO
F	DESIGN CHANGE	YX1027 23SEP26	YW1047 50110194AMO





PACKAGE VIEW

COMPONENT PART NUMBERS PROVIDED FOR ASSEMBLY PURPOSES;
INDIVIDUAL COMPONENTS MAY BE SHIPPED AS PARTS WITHIN AN INCLUDED KIT.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	WEIGHT	NOTE NO.
1	MTC4214-SP01-00	MOUNTING BRACKET	2	4.84 LBS	
2	MTC4214-SP02-00	SLIDER MECHANISM	2	4.23 LBS	
3	EQPS36	STEP, GALVANIZED	1	17.05 LBS	
4	GB-03125	3/8" X 1-1/4" GALV BOLT KIT	10	0.06 LBS	
5	GWF-03	3/8" GALV FLAT WASHER	8	0.01 LBS	
6	GWF-04	1/2" GALV FLAT WASHER	2	0.04 LBS	
7	MTC4214-SP04	1/2" SHOULDER DIAMETER BOLT	2	0.10 LBS	
8	GWL-03	3/8" GALV LOCK WASHER	8	0.01 LBS	
9	GN-03	3/8" GALV HEX NUT	8	0.02 LBS	
10	MTC4214-8000-00	BRACKET FOR STEP	2	9.86 LBS	
11	MTC4214-9000-00	PLATE FOR STEP	2	0.01 LBS	
12	9615-15	BOLT,CARRIAGE,3/8-16,3,STL GALV	6	0.01 LBS	

ANDREW® an Amphenol company

TOLERANCES
1 PLACE .X[.X] ± 0.2[6.3] 3 PLACE .XXX[.X] ± 0.060[1.5]
2 PLACE .XX[.X] ± 0.12[3.0] ANGLES ± 2°

SAP MATERIAL MASTER: **MTC4214-STEP**

FINISH

MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES INTERPRET PER ANSI Y 14.5M-1994

	NAME	DATE
CE	JL1183	20APR26
RW	YX1027	09/24/2026
AD	YW1047	09/28/2026
RE	YMENG	09/28/2026

ECN 50110194AMO

TITLE: **RETRACTABLE STEP**

SCALE: **1:8**

DOCUMENT NO.: **MTC4214-STEP**

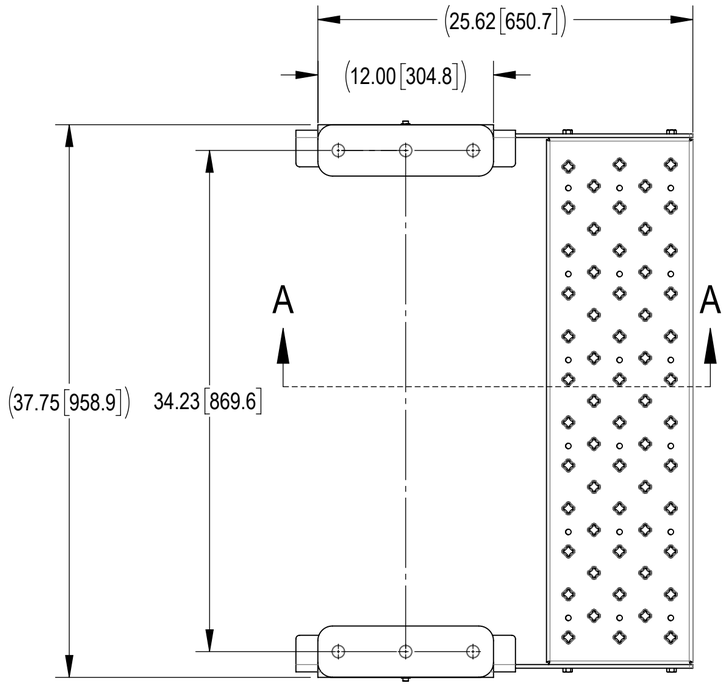
DENSITY		lbs/in³
MASS	67.48	lbs
VOLUME	1106.42	in³
SURFACE AREA	6185.52	in²
HEIGHT		
LENGTH	37.75"	
WIDTH		

SIZE: **C**

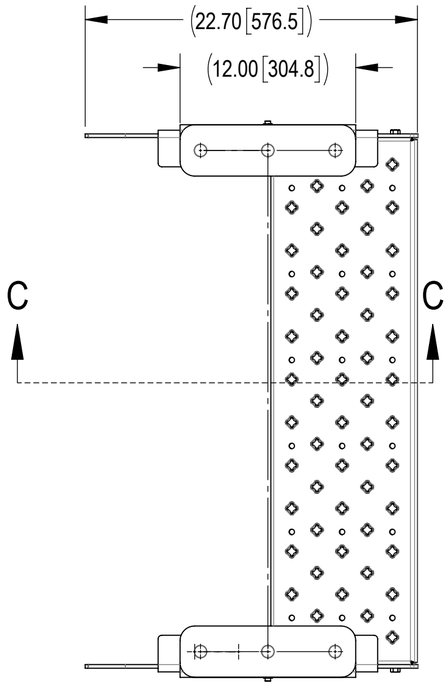
Auth Group: INSL

MODEL			DRAWING			SHEET
VERSION	STATUS	REVISION	VERSION	STATUS	REVISION	
03	RE	D	05	RE	F	1 OF 2

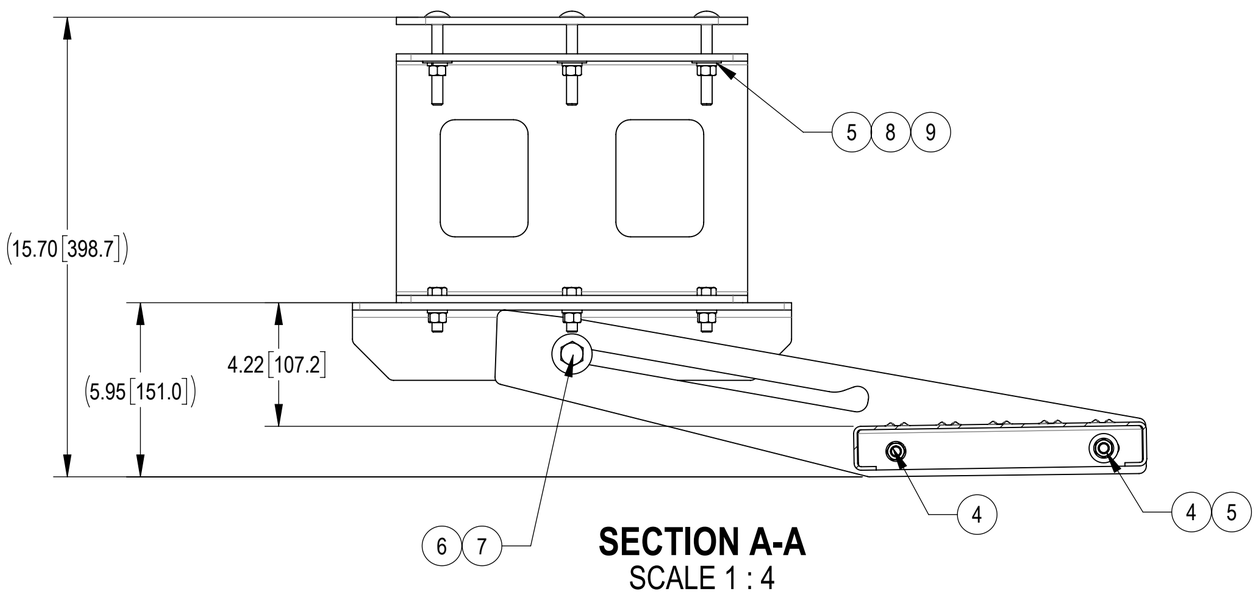
Confidential



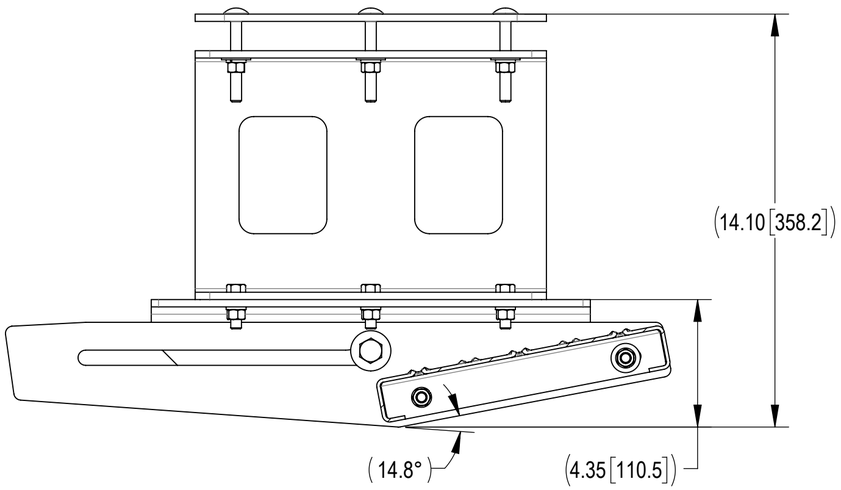
THE STEP OPEN STATE



THE STEP RETRACTED STATE



SECTION A-A
SCALE 1 : 4



SECTION C-C
SCALE 1 : 4

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TITLE
RETRACTABLE STEP

SIZE	SCALE	DOCUMENT NO.			
C	1:8	MTC4214-STEP			
		DRAWING			SHEET
		VERSION	STATUS	REVISION	2 OF 2
		05	RE	F	

Confidential