

		220 TRAK-EZE® CWANA code			
		CORD OPERATED /MOTORIZED		WALK-ALONG	
	Parts Included	220	220N	224	224N
Single Carriers	1701	✓		✓	
	2201		✓		✓
Master Carriers	2202	✓		✓	
	2202B		✓		✓
Tandem Carriers	2202-T	✓		✓	
	2202-BT		✓		✓
Pulleys	2203	✓	✓		
	2204	✓	✓		
	1145	✓	✓		
Splice	2224	✓	✓	✓	✓
End Stop	2209	✓	✓	✓	✓
Cord	2160	✓	✓		

NOTE: For motorized tracks:
 1. Delete 2165 floor pulley
 2. Replace 2160 cord with 3529 cable

SPECIFICATIONS:

Model 220 TRAK-EZE®

Curtain tracks shall be of 16 gauge extruded aluminum construction, anodized finish, entirely enclosed except for slot in the bottom, and in one continuous piece except where splicing clamps are required. Each curtain carrier (**Model 1701**) shall be placed on 6" centers and shall be of plated steel construction with two polyethylene wheels held to block by plated steel rivet, such wheels rolling on two separate parallel treads. Track design shall provide a 12" center overlap. End pulley blocks shall be equipped with steel sheaves adequately guarded. The system shall be furnished with an adjustable floor pulley for increasing or decreasing cord tension. Stretch-resistant operating cord shall have synthetic center and shall be of 3/16" diameter, extra quality yarn. Operating cord shall be concealed within the track.

Model 220 as manufactured by Automatic Devices Company of Allentown, PA.

Model 224 TRAK-EZE® Walk-Along Operation

Curtain tracks (Model 2200) shall be of 16 gauge extruded aluminum construction, anodized finish, entirely enclosed except for slot in the bottom, and in one continuous piece except where splicing clamps are required. Each curtain carrier (**Model 1701**) shall be placed on 6" centers and shall be of plated steel construction with two polyethylene wheels held to block by plated steel rivet, such wheels rolling on two separate parallel treads. Master carriers (Model 2200) shall be plated steel construction with two polyethylene wheels held to block by plated steel rivet and shall allow curtain overlap by passing each other in a common track channel. Track design shall provide a 12" center overlap.

Model 224 as manufactured by Automatic Devices Company of Allentown, PA.

Model 220-N TRAK-EZE®

Curtain tracks shall be of 16 gauge extruded aluminum construction, anodized finish, entirely enclosed except for slot in the bottom, and in one continuous piece except where splicing clamps are required. Each curtain carrier (**Model 2201**) shall be placed on 12" centers and shall be of plated steel construction with two nylon tired ball-bearing equipped wheels held to block by plated steel rivet, such wheels rolling on two separate parallel treads. Track design shall provide a 24" center overlap. End pulley blocks shall be equipped with steel sheaves adequately guarded. The system shall be furnished with an adjustable floor pulley for increasing or decreasing cord tension. Stretch-resistant operating cord shall have synthetic center and shall be of 3/16" diameter, extra quality yarn. Operating cord shall be concealed within the track. Model 220-N as manufactured by Automatic Devices Company of Allentown, PA.

Model 224-N TRAK-EZE® Walk-Along Operation

Curtain tracks (Model 2200) shall be of 16 gauge extruded aluminum construction, anodized finish, entirely enclosed except for slot in the bottom, and in one continuous piece except where splicing clamps are required. Each curtain carrier (**Model 2201**) shall be placed on 12" centers and shall be of plated steel construction with two nylon-tired ball-bearing equipped wheels held to block by plated steel rivet, such wheels rolling on two separate parallel treads. Master carriers (**Model 2202**) shall be plated steel construction with two nylon-tired ball-bearing wheels held to block by plated steel rivet and shall allow curtain overlap by passing each other in a common track channel. Track design shall provide a 12" center overlap. Model 224-N as manufactured by Automatic Devices Company of Allentown, PA.

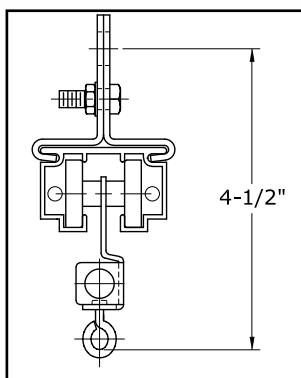


TRAK-EZE® 220 SERIES CURTAIN TRACKS

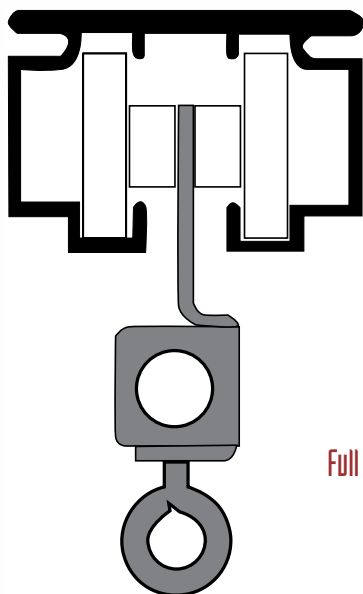
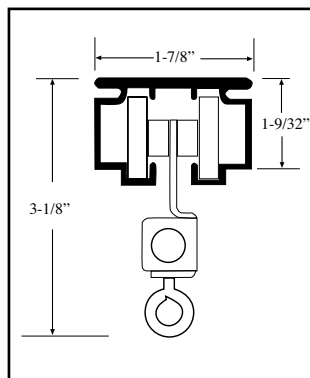
Model 220 - Trak-Eze® Assembly



**Cross Section
of 220 Track
Suspended**
(Recommended
pocket width - 6")



**Cross Section
of 220 Track Ceiling Mount**
(Recommended
pocket width - 6")



Full Size End View



No. 2200 Track

1' - 8 oz.

16 gauge extruded aluminum, clear anodized finish. Obtainable in unspliced lengths up to 26'. Holes provided on 16" centers on top of the channel for direct ceiling attachment.

Approximately: 1-7/8" wide x 1-1/4" high.



No. 1701 Single Carrier

1 - 1-1/2 oz.

Block constructed of plated steel with two heavy-duty polyethylene wheels. Carrier spacing 6" on center.

Carrier width: Approximately 1-1/4".

The Model 220 Trak-Eze® track is an ideal commercial duty curtain track for straight medium weight curtains of 32 feet or less, where it is important that the cord be completely concealed in the track and that the track be mounted directly to the ceiling. The track has been designed to have a low profile and to be aesthetically appealing while still providing the strength needed for moderately sized curtains.

The track channel is designed to be mounted flush to an overhead structure, but can be equipped with Model 2208 hanging clamps which can be used to suspend the track below a suspended ceiling. The track can also be recessed into a finished ceiling. When recessed, the channel can be installed before finish spackle is applied with operating components added later. The channel is custom cut at the factory and is obtainable in unspliced lengths of up to 26'.



No. 2201 Single Carrier

1 - 2 oz.

Block constructed of plated steel with two nylon-tired ball-bearing equipped wheels. Carrier spacing 12" on center. Carrier width: Approximately 1-1/4".



No. 2202 Master Carrier

1 - 3 oz.

Block constructed of plated steel with two nylon wheels and cord lock. Rolls in single runway to provide curtain overlap. Carrier width: Approximately 4".



No. 2202-T Tandem Carrier

1 - 3 oz.

Block constructed of plated steel with two nylon wheels. Rolls in single runway behind master carrier to provide additional curtain overlap. Carrier width: Approximately 4".



No. 2202-B Master Carrier

1 - 3-1/2 oz.

Block constructed of plated steel with two nylon-tired ball-bearing equipped wheels and cord lock. Rolls in single runway to provide curtain overlap. Carrier width: Approximately 4".



No. 2202-BT Tandem Carrier

1 - 3-1/2 oz.

Block constructed of plated steel with two nylon-tired ball-bearing equipped wheels. Rolls in single runway behind master carrier to provide additional curtain overlap. Carrier width: Approximately 4".



No. 2224 Splice Clamp

1 - 8 oz.

Formed from 20 gauge sheet steel surrounds the outer surface of the two track sections being joined. Used only to assure proper alignment of the two track sections. Not designed to support track or track load.

Approximately: 8" long x 2-1/8" wide x 1-1/4" high.



No. 2163 Projection Bracket

1 - 11 oz.

For use when track is to be mounted to side wall as opposed to overhead. Recommended spacing 2' on center along length of track. Projects center-line of track approximately 3-1/2" from side wall.

NOTE: CURTAIN FABRIC MAY RUB WALL WHEN STACKING

Approximately: 3-15/16" long x 3-11/16" high x 3/4" wide.



No. 2203 Live End Pulley

1 - 6 oz.

Equipped with two oil-impregnated sleeve-bearing steel sheaves. Extends 2-3/4" beyond track end. Pulley width: Approximately 2-5/8".



TRAK-EZE® 220 SERIES CURTAIN TRACKS

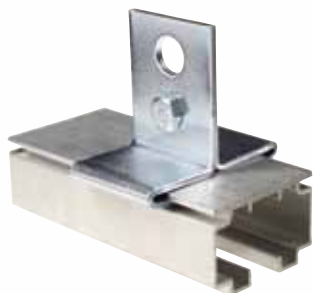


No. 2204 Dead End Pulley

1 – 5-1/2 oz.

Equipped with one ball-bearing equipped steel sheave. Extends 2-1/2" beyond track end.

Pulley width: Approximately 2-5/8".



No. 2208 Hanging Clamp

1 – 4 oz.

Plated steel construction, provided in two halves. Recommended spacing 5" on center (also within 2" of each end pulley). Adjustable to any location. Must be rigidly supported to an overhead structure.

Approximately: 1-1/2" wide.



No. 2209 End Stop

3 – 1 oz.

Plated steel construction. Prevents carriers from moving beyond selected position in track.



No. 2209W End Stop for Walk Along Systems

End stop for walk-along systems only.

One used at each end of the track system.

Helps to contain the carriers in the track.



No. 2202L Leg Master Carrier

1 – 11 oz.

Master carrier for one-way draw (leg) track systems. Unit provides fabric overlap of dead-end pulley. Plated steel construction with nylon tired ball-bearing equipped wheels.

Carrier width: 10" (5.5" extension arm)



No. 1145 Floor Pulley (3 inch wheel)

1 – 4 oz.

Equipped with 3" nylon ball-bearing wheel. Tension spring provides cord tension. Can be either wall or floor mounted. Approximately: 1" long x 3/4" wide x 9" high.



No. 2160 Cord

100' – 1 lb. 10 oz.

Synthetic center and stretch-resistant. For manually operated tracks.

3/16" (No. 6)



No. 1151 Cable

100' – 1 lb. 3 oz.

Wire center. For machine-operated tracks.

1/8" (No. 4)

Installing A 220 Track? Consider...



Model No. 1002-VED Curtain Machine

Consider using the Model 1002VED Tom Thumb® machine to motorize your 220 track.

This type of machine is mounted to the floor directly below the live-end pulley of the track.

Refer to page 108 for more information on Model 1002-VED machines.

ADC MODEL 220 SERIES CURTAIN TRACK INSTALLATION INSTRUCTIONS FOR MANUALLY OPERATED SYSTEMS

- Place operating cord on the floor or workbench.
- Mount the track channel to the ceiling structure.
- Install the live-end pulley (double-wheel pulley) to the track channel securing it loosely.
- Thread one end of the operating cord over one wheel of the live-end-pulley.
- With master carrier “2” outside of track, thread the same end of cord through this master carrier’s cord lock and pull several feet of cord through the lock, but **DO NOT TIGHTEN THE LOCK**.
- Insert master carrier “1” into the track and pull the cord, through the un-tightened cord lock of the carrier, to the other end of the track.
- If the track system incorporates the optional Tandem Carriers (Model 2202T or 2202BT) insert these carrier directly behind the Master Carrier (Refer to Installation Drawings)
- Insert the required amount of single carriers in the track, behind this master carrier, making certain that the cord lies between the carrier wheels and the inner wall of the channel (Refer to accompanying drawings). The cord **DOES NOT** go above the carrier body between the carrier wheels.
- Take the end of cord threaded through Master Carrier “2”, around the wheel of the dead-end pulley (single sheave pulley) and thread this cord through Master Carrier “1”.
- Pull several feet of cord through this Master Carrier’s cord lock. **DO NOT TIGHTEN THE LOCK**.
- Insert Master Carrier “B-1” into the track from the dead-end of the track and slide it at least ½ way down the track section.
- If the track system incorporates the optional Tandem Carrier (Model 2202T or 2202BT) insert these carriers directly behind the Master Carrier (Refer to accompanying drawings).
- Insert required amount of single carriers behind Master Carrier “1” making certain that the cord lies between the carrier wheels and the inner wall of the channel.
- Install the dead-end pulley to the track and secure it loosely.
- Bolt the floor pulley or machine operator in their final position, directly below and in line with the live-end pulley.
- Thread the other end of the cord reel (end not going through track system) around the sheave of the floor pulley or wheel of the machine. Note: for grooved drum equipped machines see instructions “How to install a grooved drum machine”
- Thread the end over the remaining sheave of the live-end pulley, then through the track keeping it between the side of the channel and the wheels of the single carriers.
- Pull Master Carrier “1” through the track channel toward the live-end pulley as far as it will go.
- Thread this cord through the cord lock of Master Carrier “1”. There should now be two (2) cuts ends at this master carrier.
- Remove Slack from operating line and loosely secure at Master Carrier “1” **DO NOT CUT CORD**.
- Slide both master carriers to their overlap positions. Move Master “1” first and then slide Master “2” along the cord while holding Master “1” in place.

**ADC MODEL 220 SERIES CURTAIN TRACK
INSTALLATION INSTRUCTIONS FOR MANUALLY OPERATED SYSTEMS**

- Remove all slack from system at Master Carrier “1”.
- Make certain that cord is threaded through cord lock properly.
- Tighten cord lock of Master Carrier “1”.
- Tighten cord lock of Master Carrier “2”.
- Secure the live and dead end pulleys of the system.
- Carefully operate the system.
- If system operates as desired, cut excess cord at Master Carrier “1”.

IMPORTANT

- ✓ Be certain that the operating cord is placed between the carrier wheels and the inside wall of the track channel.
- ✓ Do not use hex head or large round head screws when installing the track channel. Make certain that the single carriers clear the fastening hardware even when the carriers are tilted about their axle.
- ✓ Support the track properly. If the system is to be suspended, use steel angle, chain or cable. NEVER USE ROPE TO SUSPEND THE TRACK SYSTEM.
- ✓ Do not attach the track system directly to a suspended ceiling grid. Provide support member(s) to the structural ceiling above the ceiling grid for the track system.
- ✓ Do not use parts other than those manufactured or suggested by AUTOMATIC DEVICES COMPANY.

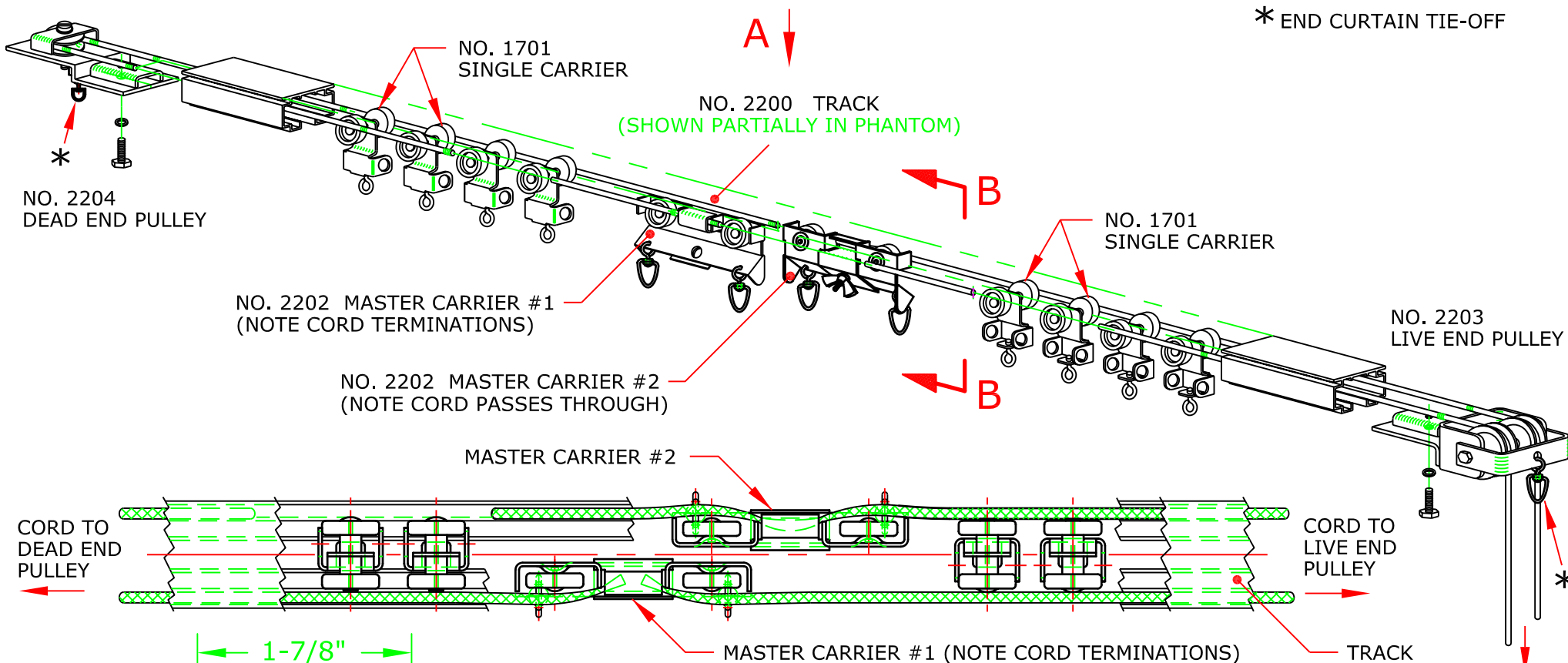
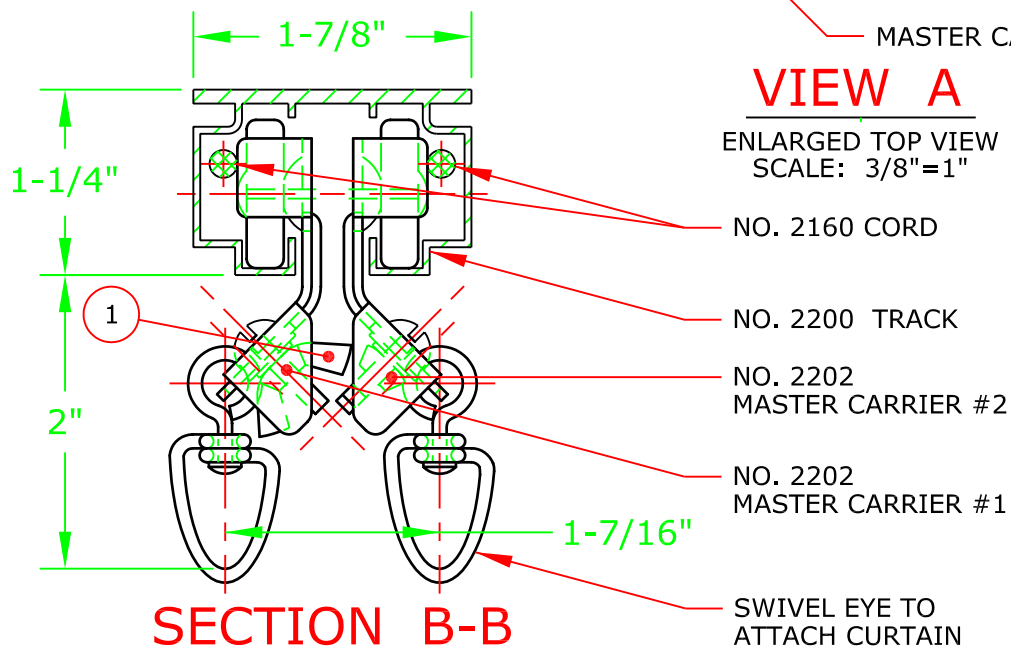
REV.

DATE:

DO NOT USE FOR MACHINE OPERATED TRACKS

FORM NO.: 220BPHO

* END CURTAIN TIE-OFF

**VIEW A**ENLARGED TOP VIEW
SCALE: 3/8"=1"**SECTION B-B**

SCALE: 3/4"=1"

NOTES:

- 1 TURN WING NUTS ON MASTER CARRIERS SO THEY DON'T INTERFERE WITH EACH OTHER.

AUTOMATIC DEVICES COMPANY
2121 S. 12TH ST. ALLENTOWN, PA 18103

THIS DRAWING HAS BEEN PREPARED AS A SERVICE TO OUR CUSTOMER AND IS INTENDED ONLY TO BE SUGGESTIVE IN NATURE AND IS NOT TO BE USED AS AN ACTUAL INSTALLATION DRAWING. PREVAILING JOB CONDITIONS AND ACCEPTED PRACTICES MUST BE TAKEN INTO ACCOUNT WHEN THE EQUIPMENT IS INSTALLED.

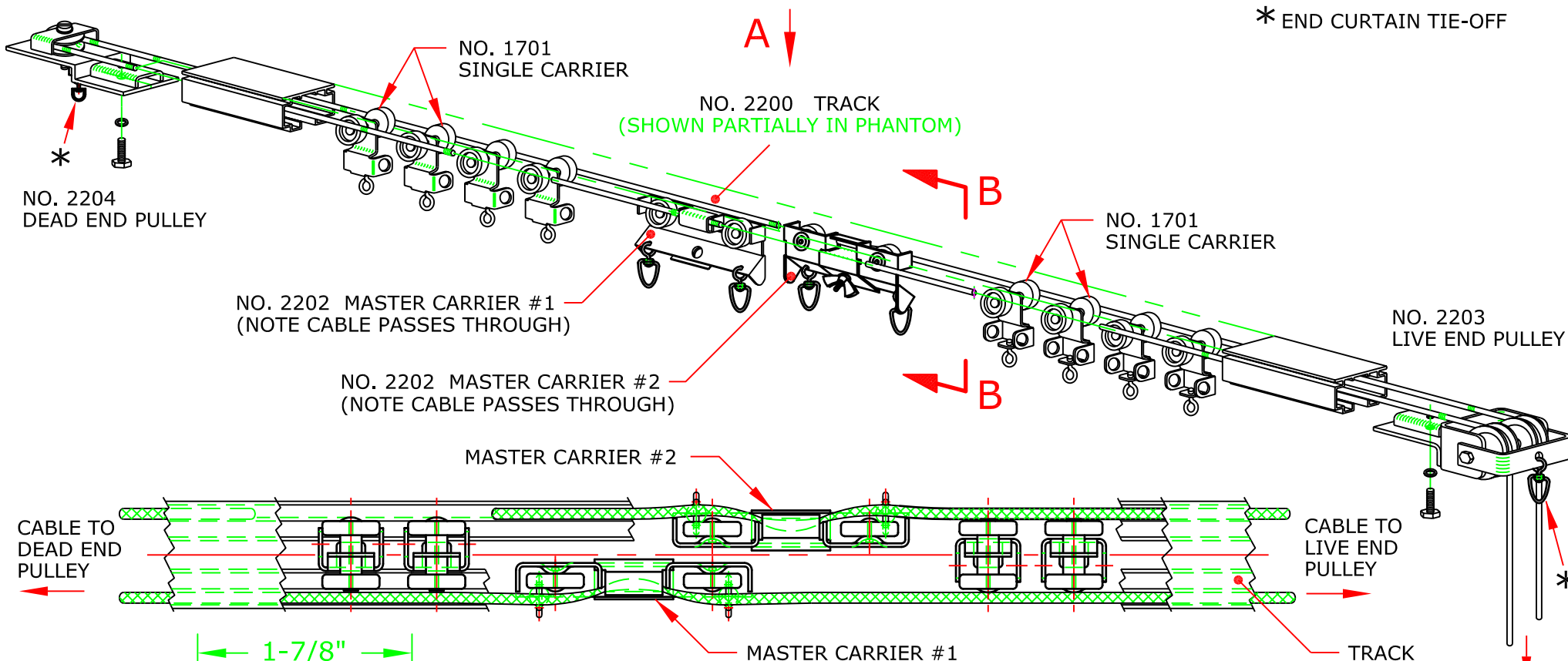
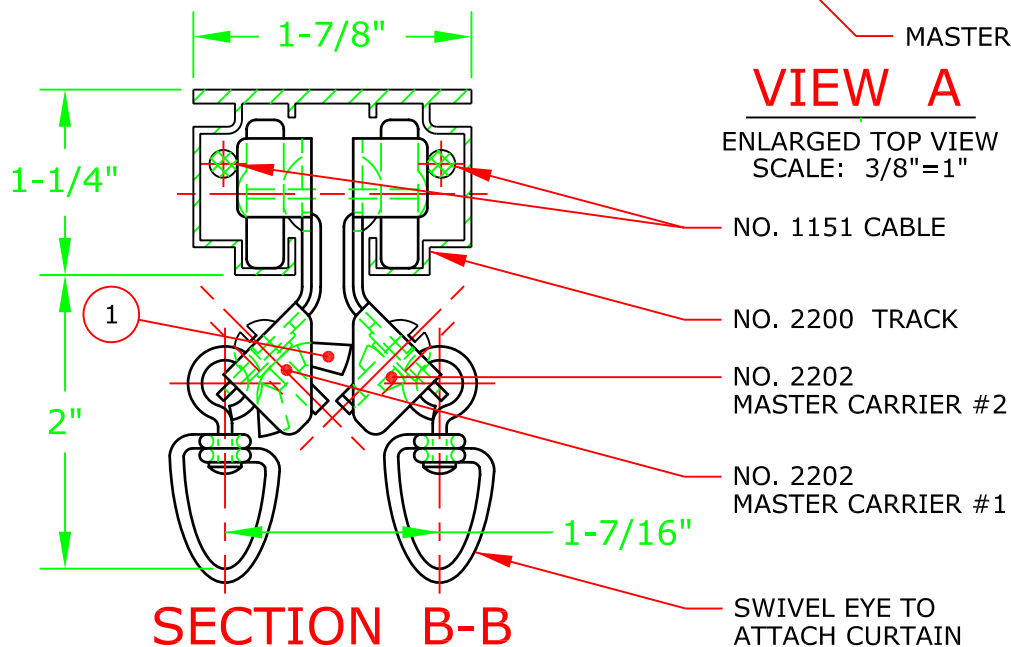
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A	6/19/04	TRAK-EZE CURTAIN TRACK	
DRAWN BY	APPROVED BY	DESCRIPTION	INSTALLATION DRAWING
JEK		BI-PART OPERATION (MANUAL)	
SCALE 3/16=1	SHEET 1 OF 1	DWG NO.	II-220HOB1-1-04

REV.

DATE:

FORM NO.: 220BPM

* END CURTAIN TIE-OFF

**VIEW A**ENLARGED TOP VIEW
SCALE: 3/8"=1"**SECTION B-B**

SCALE: 3/4"=1"

NOTES:

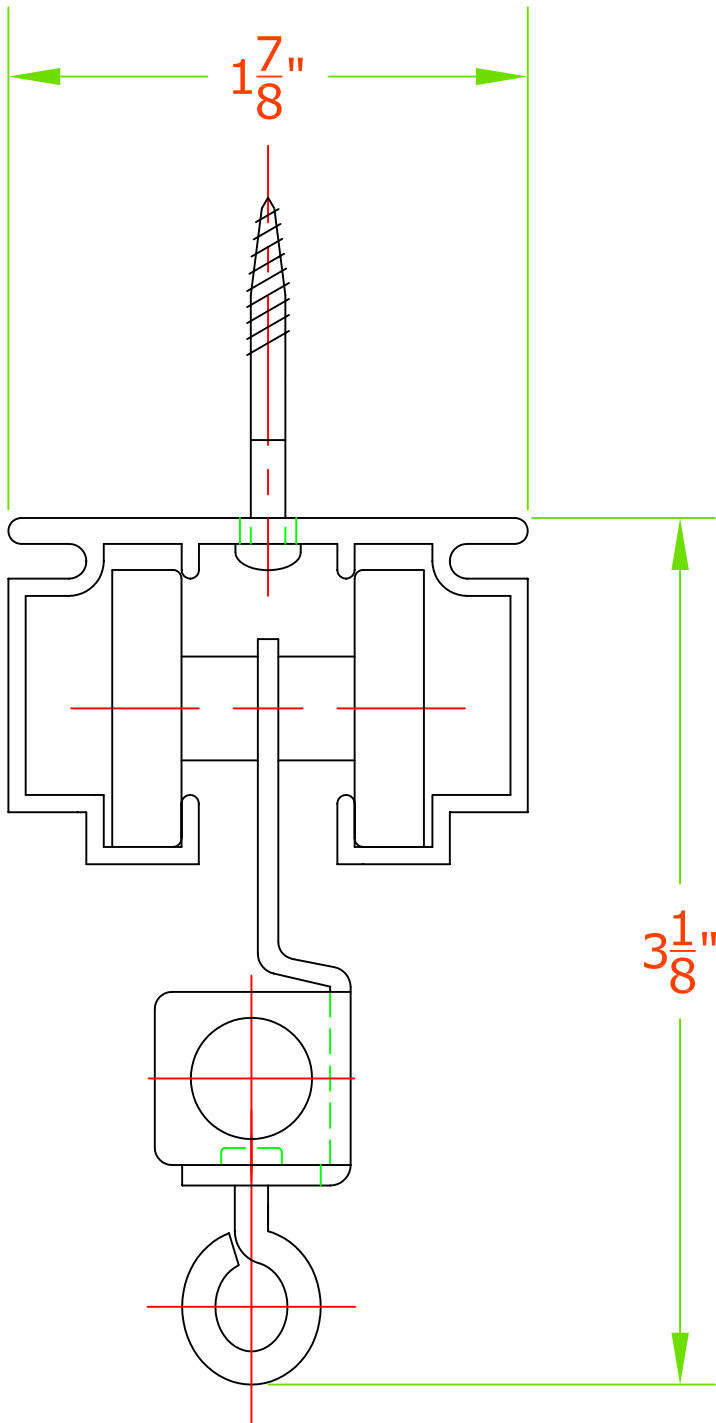
- 1 TURN WING NUTS ON MASTER CARRIERS SO THEY DON'T INTERFERE WITH EACH OTHER.



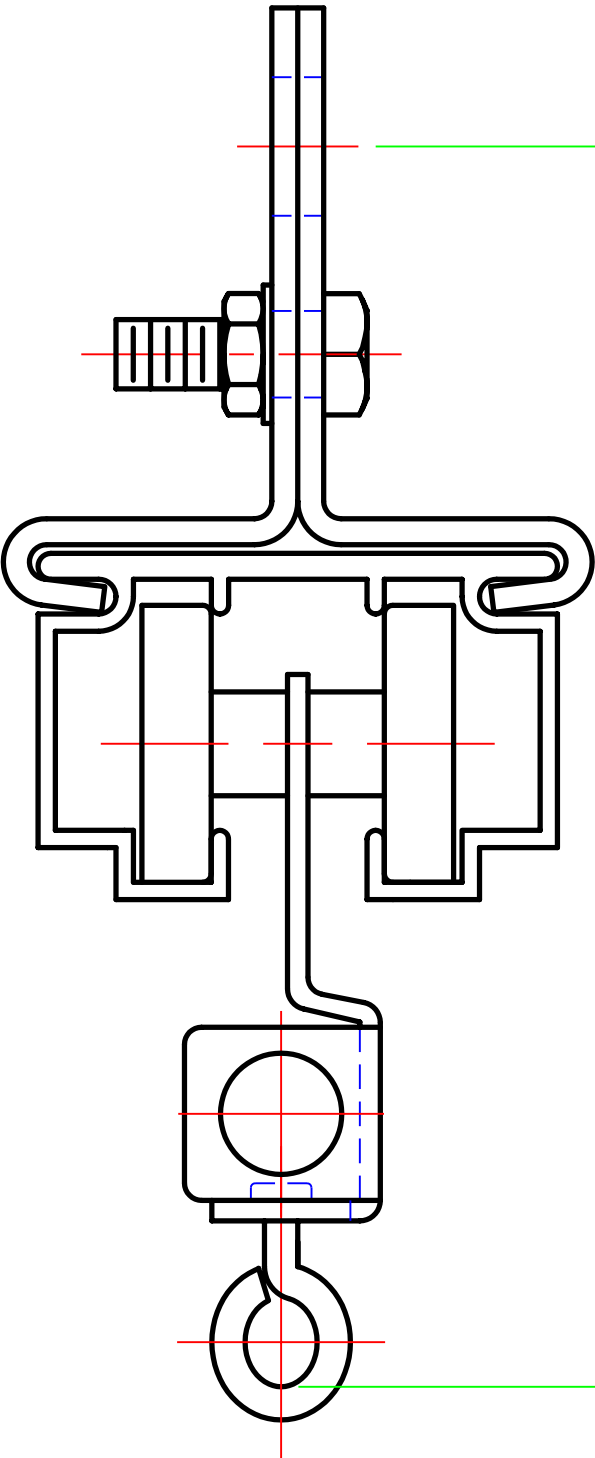
AUTOMATIC DEVICES COMPANY
2121 S. 12TH ST. ALLENTOWN, PA 18103

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SIZE	DATE	SERIES	MODEL 220
A	6/19/04	TRAK-EZE CURTAIN TRACK	
DRAWN BY	APPROVED BY	DESCRIPTION	INSTALLATION DRAWING
JEK		BI-PART OPERATION (MACHINE)	
SCALE 3/16=1	SHEET 1 OF 1	DWG NO.	II-220MBI-1-04



		AUTOMATIC DEVICES COMPANY 2121 S. 12TH ST. ALLENTOWN, PA 18103	
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SIZE	DATE	SERIES	
A	8/18/10	MODEL 220 TRAK-EZE	
DRAWN BY	APPROVED BY	DESCRIPTION	
DJL		220 CEILING MOUNT	
SCALE	NONE	SHEET	1 OF 1
		DWG. NO. CAT-220CEIL-10	



4-1/2"

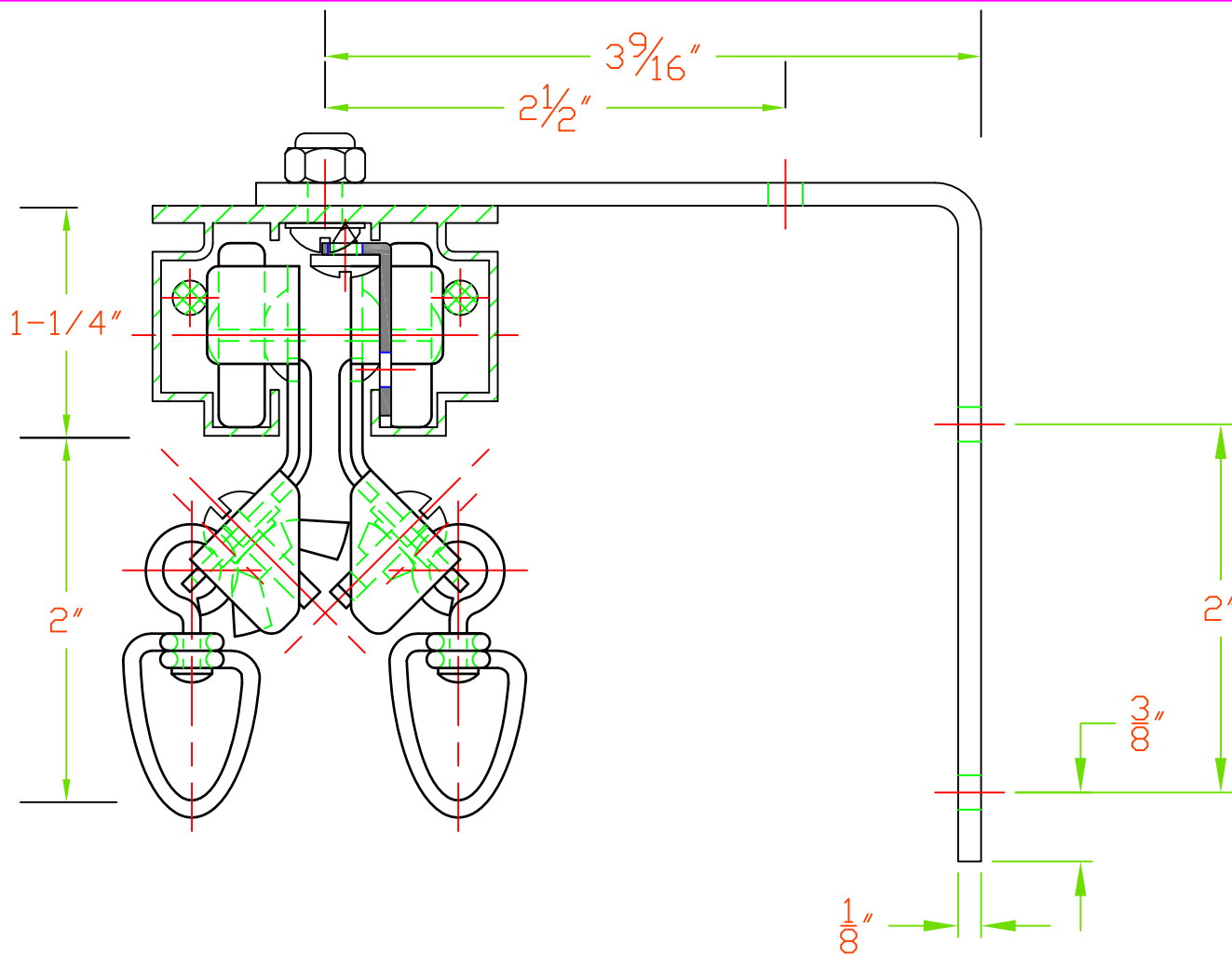


AUTOMATIC DEVICES COMPANY

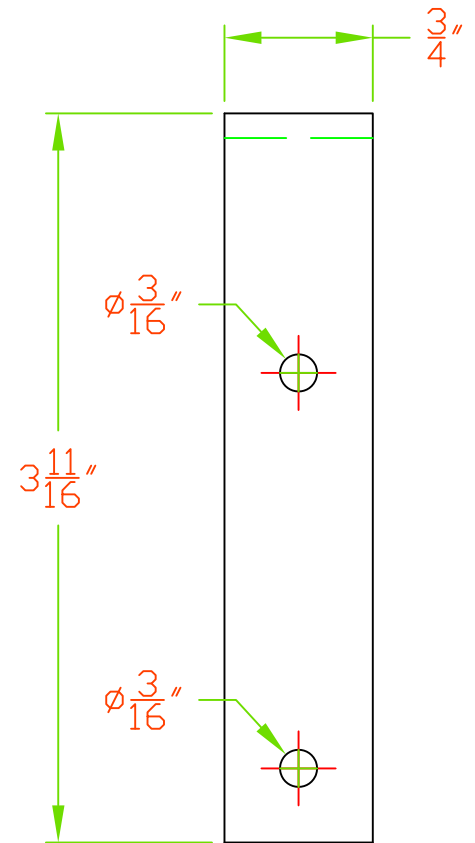
2121 S. 12TH ST. ALLENTOWN, PA 18103

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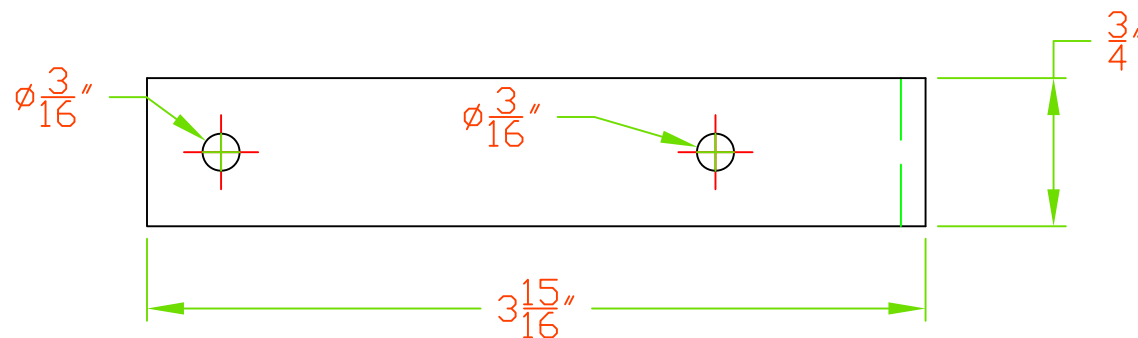
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JEK		220 SUSPENDED
SCALE	SHEET	DWG. NO.
NONE	1 OF 1	CAT-220SUS-02



FRONT VIEW



SIDE VIEW



TOP VIEW

AUTOMATIC DEVICES COMPANY
2121 S. 12TH ST. ALLENTOWN, PA 18103

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SIZE	DATE	MODEL	REV
A	08/18/10	220 TRAC-EZE	
DRAWN BY	APPROVED BY	DESCRIPTION	
DJL		PROJECTION BRACKET	
SCALE 1" = 1"		SHEET 1 OF 1	DWG NO. A-2163-10