



SCAN FOR
PRODUCT
INFORMATION



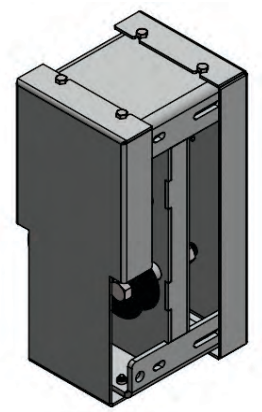
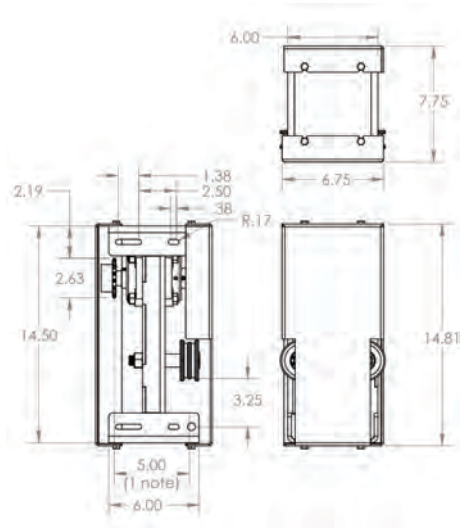
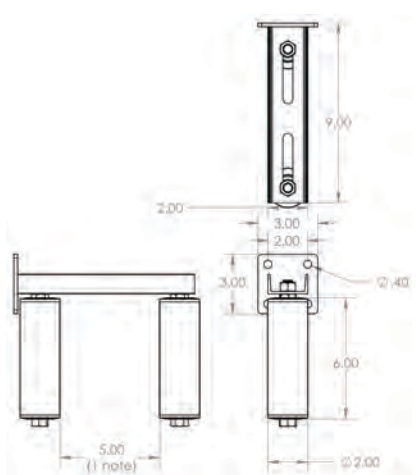
TK-1000/TK-2000 INSTALLATION MANUAL

GATE OPERATOR HARDWARE & ACCESORIES

All-O-Matic offers tandem gate kits for driveways with limited rear space. The **TK-1000** can operate (2) gate panels weighing up to 700 lbs. each. For heavier gates, the **TK-2000** kit uses 50NP chain and can operate (2) gate panels up to 1,000 lbs. each.

Tandem Gate Kits include:

- (1) Tandem Gear Box with Covers
- (2) IK3 Idler Sprockets
- (2) Adjustable Dual Guide Rollers with Brackets
- (20) feet 41NP chain (TK-2000 includes 20 feet 50NP chain)
- (1) Chain Bracket
- (1) Chain Bolts



SLIDERS | SWINGERS | OVERHEADS
The standard by which all other automatic gate operators are measured.

818-787-1988



allomatic.net

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TK-1000 TANDEM GATE HARDWARE INSTALLATION INSTRUCTIONS

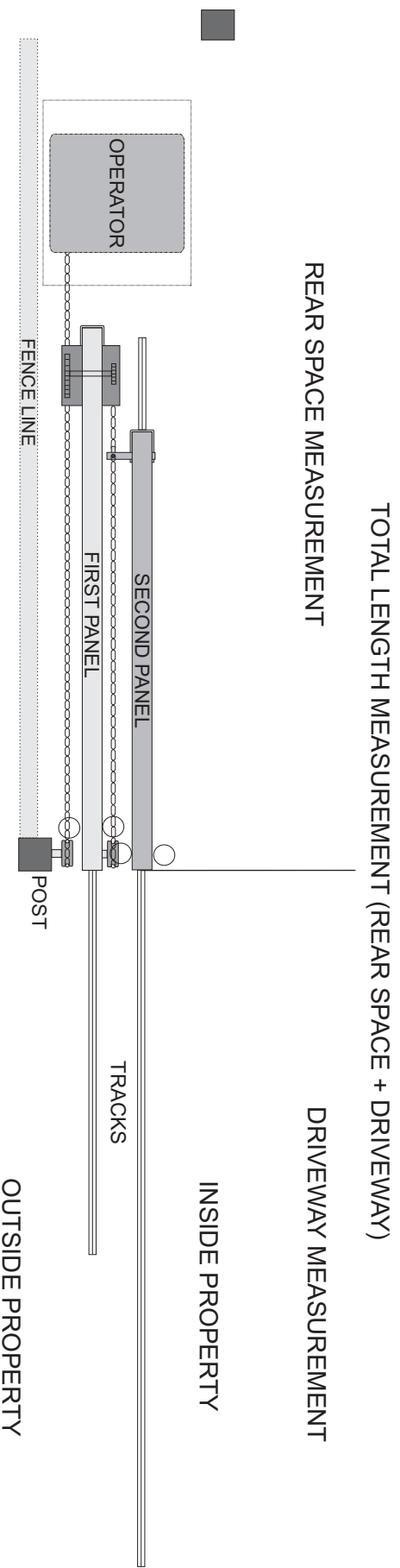
WARNING!

If this is your first time attempting a tandem gate installation, please consult with ALL-O-MATIC for setup and questions. These instructions in this booklet are only guidelines, as every tandem gate installation is unique and has its own unique measurements. The TK-1000 Tandem Kit was designed to work with ALL-O-MATIC slide gate operators slowed down to about 50% speed. Please make sure to request a slow down tandem gate setup on all gate operators that will be used with the ALL-O-MATIC TK-1000 Tandem Gate Hardware Kit.

Note: TK-1000 works best with ALL-O-MATIC DC slide gate operators, such as the SL-90 DC, SL-100DC and SL-150DC.

1. Identify location of panels/operator.

TOP VIEW



TOTAL LENGTH MEASUREMENT (REAR SPACE + DRIVEWAY)

REAR SPACE MEASUREMENT

DRIVEWAY MEASUREMENT

INSIDE PROPERTY

OUTSIDE PROPERTY

2. Determine space measurements using the formulas below.

Note: It is easiest to convert all measurements to inches for consistency.

Total Length: _____ inches

Driveway Length: $2/3$ of total length (_____ inches) - 26 inches = _____ inches

Rear Space: $1/2$ of driveway length (_____ inches) + 39 inches = _____ inches

3. Determine panel measurements

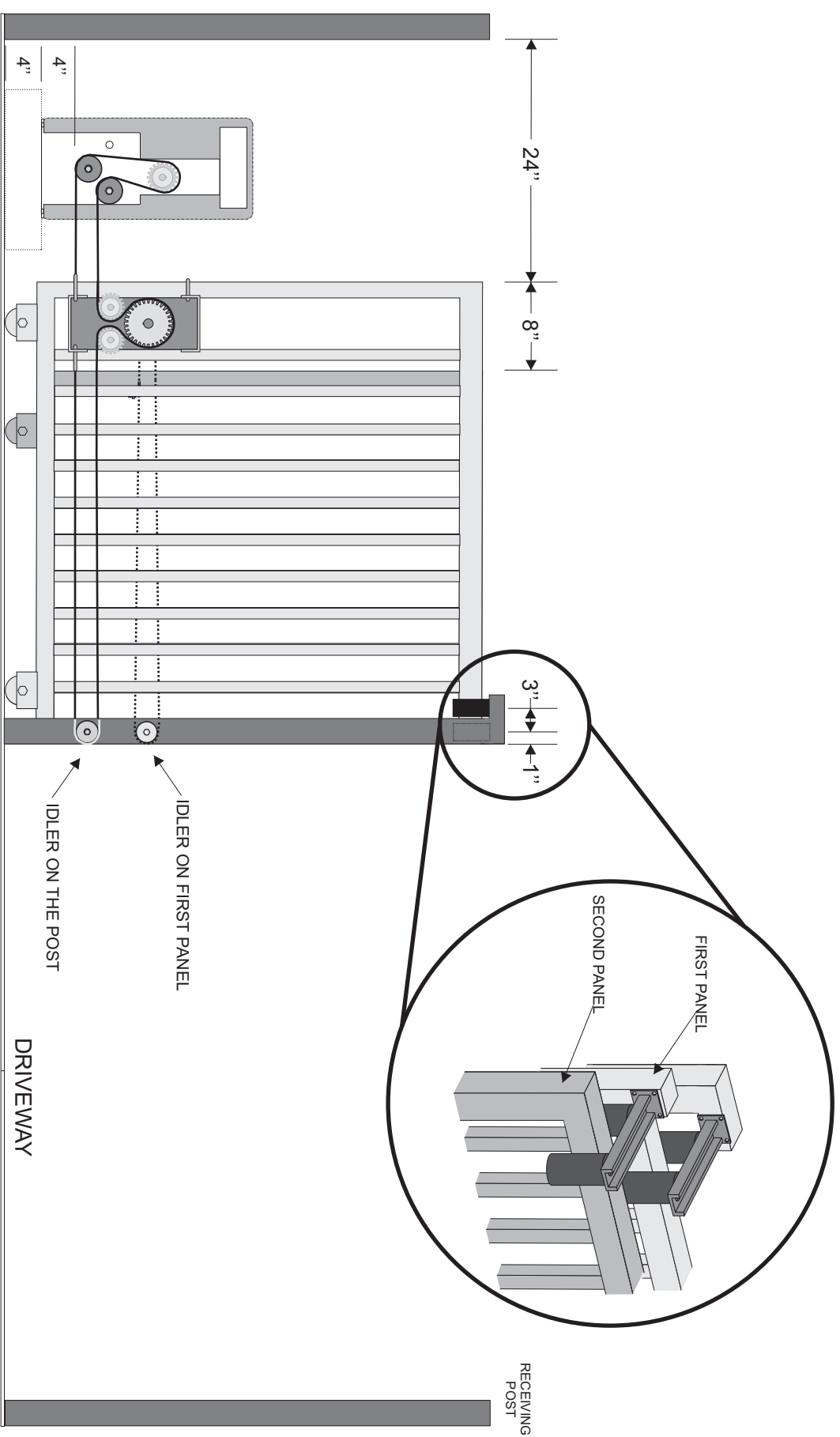
First Panel: $1/2$ of driveway length (_____ inches) + 15 inches = _____ inches

Second panel: $1/2$ of driveway length (_____ inches) + 7 inches = _____ inches

4. Mount the TK-1000 Tandem Kit on the rear of the first panel.

5. Attach tandem kit guide rollers to the post and first panel.

VIEW FROM OUTSIDE PROPERTY



6. Install the second panel so that it is 1" from the receiving post.

7. Install the first panel so that it is at the halfway mark of the driveway. If properly installed, the second panel should overlap the first panel by 7 1/2". There should also be a 3" gap between the second panel and fence post.

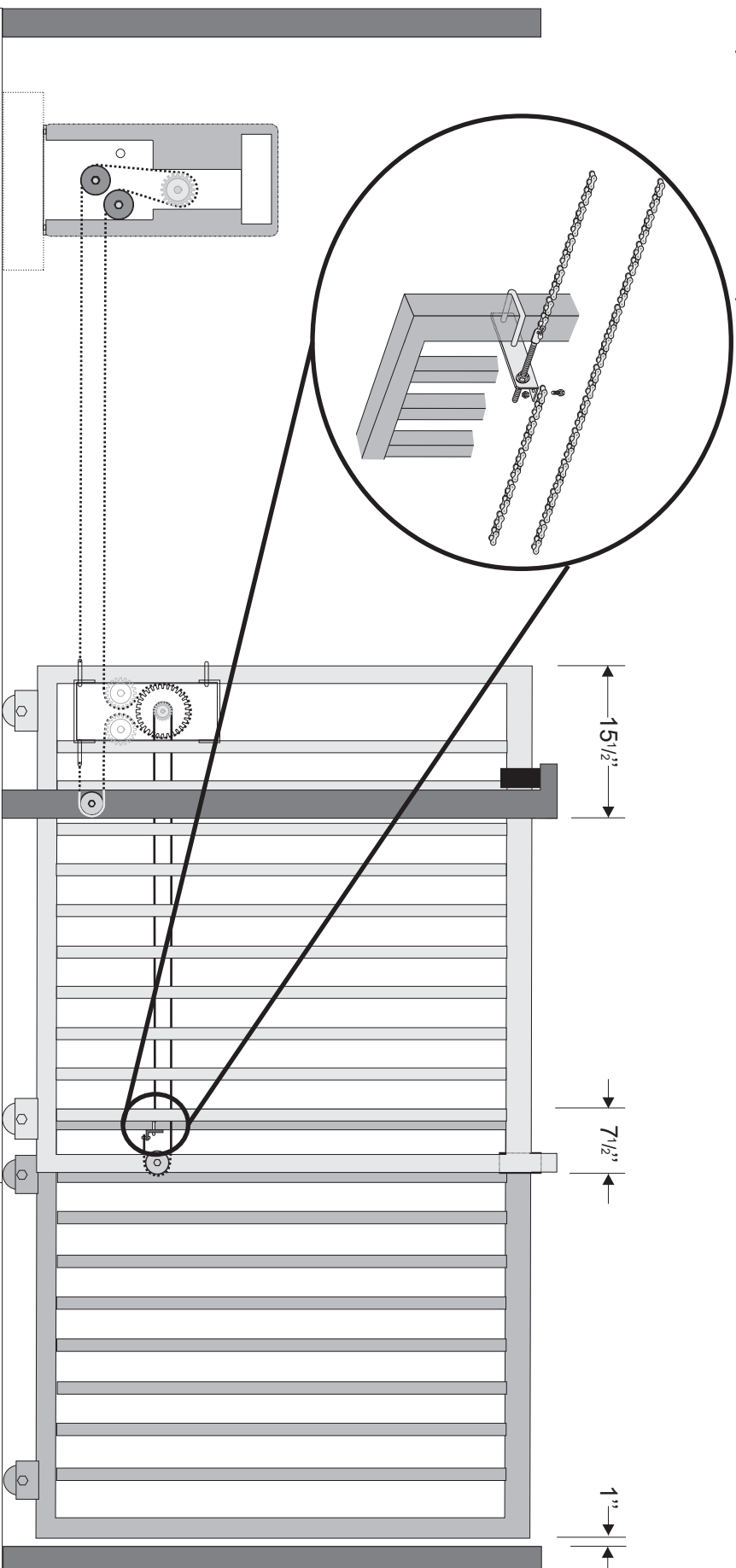
8. Attach idler sprockets on the post and first panel, making sure they are facing toward the inside of the property.

NOTE: When installing the chains, make sure that the two gate panels are in the closed position. This will ensure proper gate operation once the panels are driven by the gate operator.

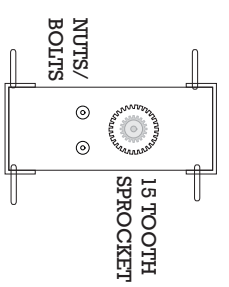
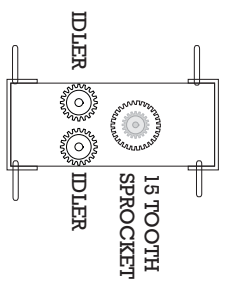
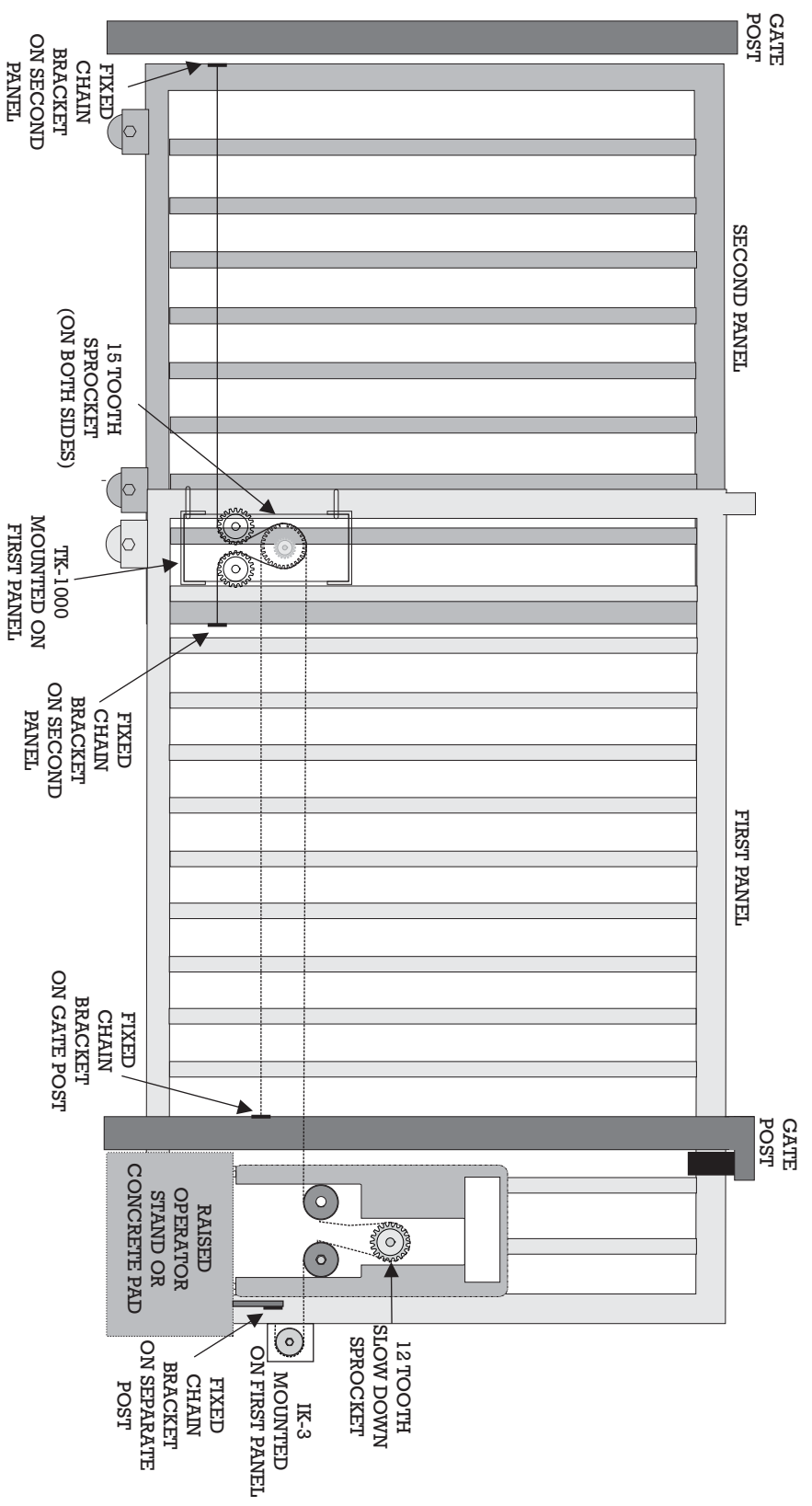
9. Install the chain bracket on the second panel, making sure to align the bracket with the chain coming off the bottom of the idler sprocket.

10. Install the chain going between the gate operator and TK-1000 tandem kit.

NOTE: Slow down the gate operator 50% by changing the main drive sprocket to a slow down sprocket. This change will maintain 12" per second speed on the second panel.



FRONT MOUNT TANDDEM INSTALLATION TWO PANEL



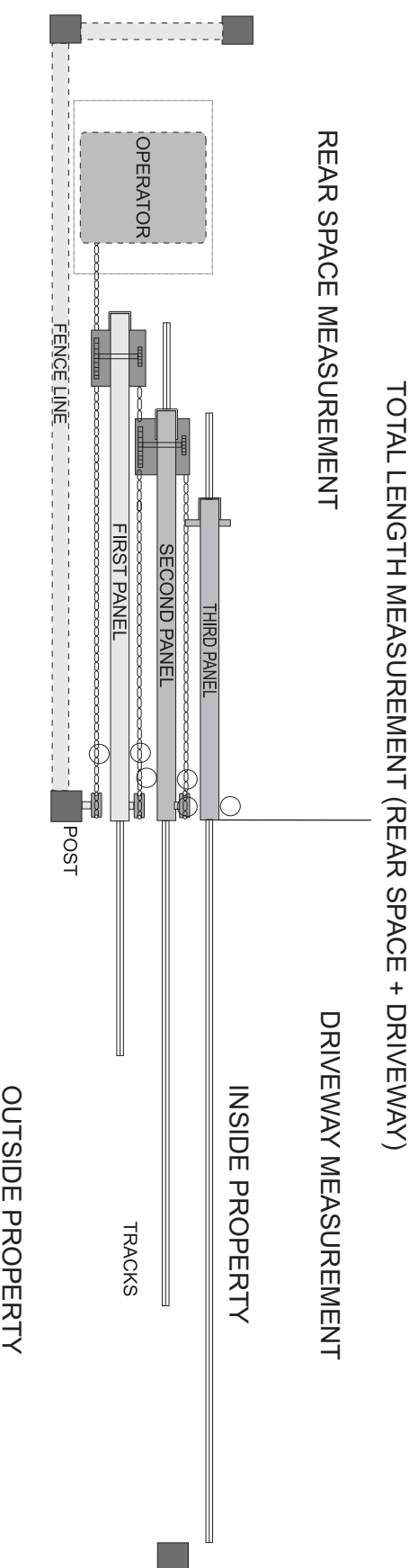
- NOTES:**
- MAKE SURE TO CHANGE 30-TOOTH SPROCKET ON TK-1000 TO 15-TOOTH SPROCKET (BOTH SPROCKETS SHOULD BE 15-TOOTH)
 - MAKE SURE TO CHANGE MAIN DRIVE SPROCKET ON GATE OPERATOR TO A SLOW DOWN, 12-TOOTH SPROCKET.

CHAIN CONNECTION
SECOND PANEL TO TK-1000

CHAIN CONNECTION
GATE OPERATOR TO TK-1000
ON FIRST PANEL

1. Identify location of panels/operator.

TOP VIEW



2. Determine space measurements using the formulas below.

Note: It is easiest to convert all measurements to inches for consistency.

Total Length: _____ inches

Driveway Length: $\frac{3}{4}$ of total length (_____ inches) - 34 inches = _____ inches

Rear Space: $\frac{1}{3}$ of driveway length (_____ inches) + 46 inches = _____ inches

3. Determine panel measurements

First Panel: $\frac{1}{3}$ of driveway length (_____ inches) + 22 inches = _____ inches

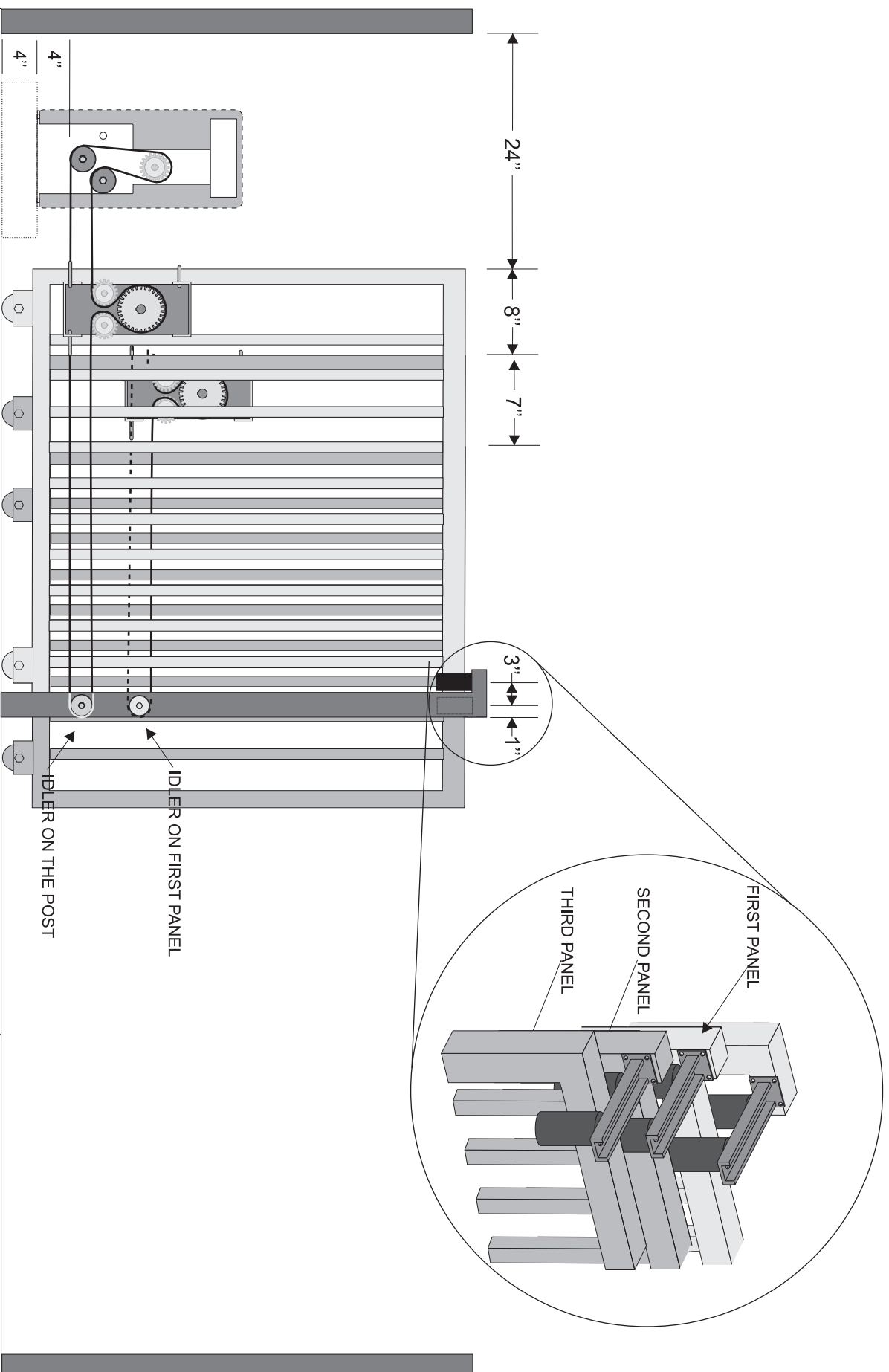
Second panel: $\frac{1}{3}$ of driveway length (_____ inches) + 15 inches = _____ inches

Third Panel: $\frac{1}{3}$ of driveway length (_____ inches) + 7.5 inches = _____ inches

4. Mount the TK-1000 Tandem Kit on the rear of the first panel.

5. Attach tandem kit guide rollers to the post and first panel.

VIEW FROM OUTSIDE PROPERTY



6. Install the second panel so that it is 1" from the receiving post.

7. Install the first panel so that it is at the halfway mark of the driveway. If properly installed, the second panel should overlap the first panel by 7 1/2". There should also be a 3" gap between the second panel and fence post.

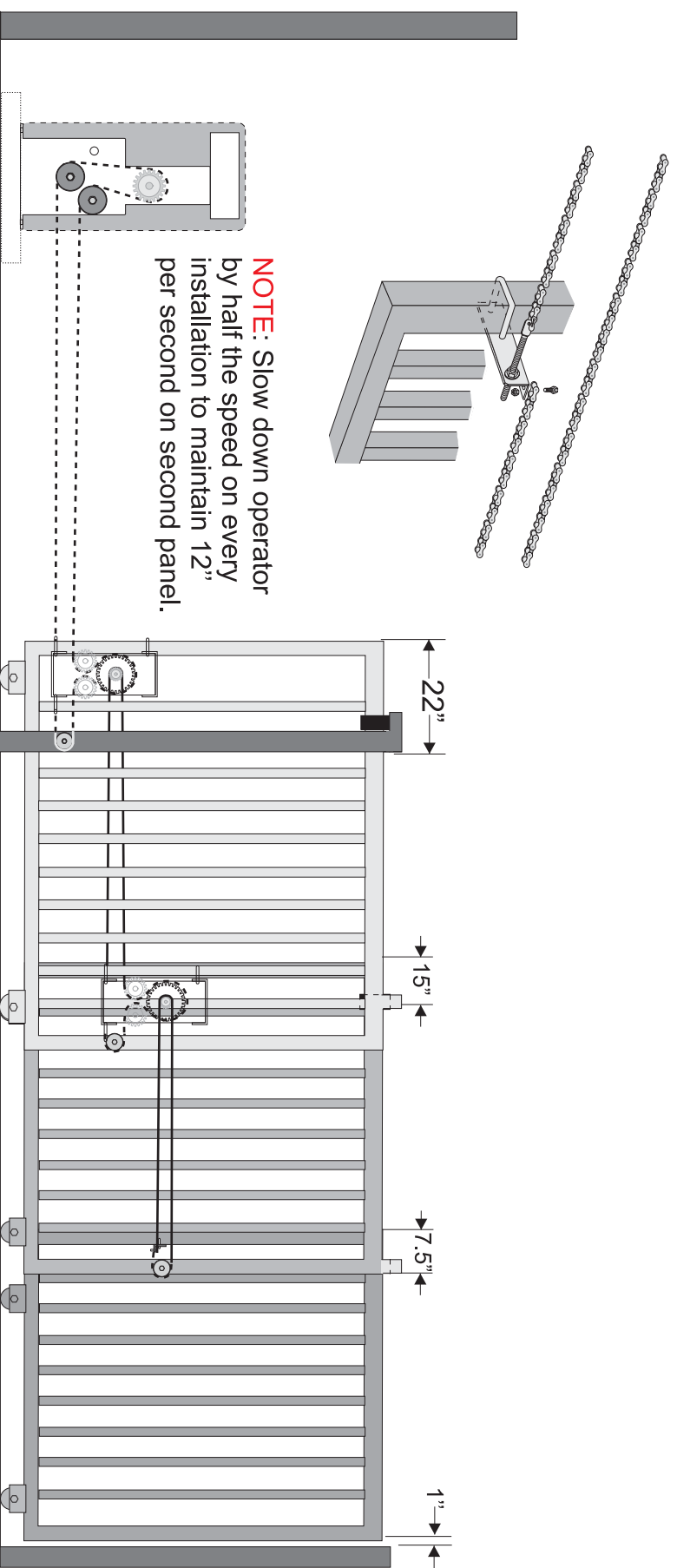
8. Attach idler sprockets on the post and first panel, making sure they are facing toward the inside of the property.

NOTE: When installing the chains, make sure that the two gate panels are in the closed position. This will ensure proper gate operation once the panels are driven by the gate operator.

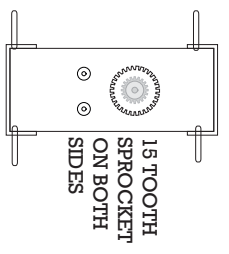
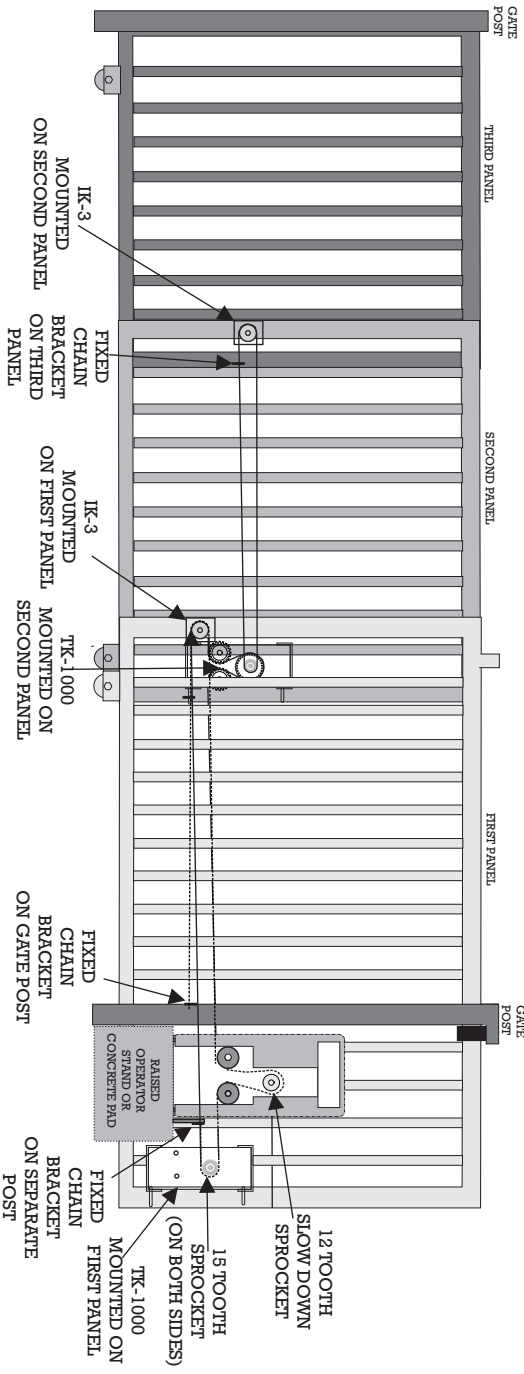
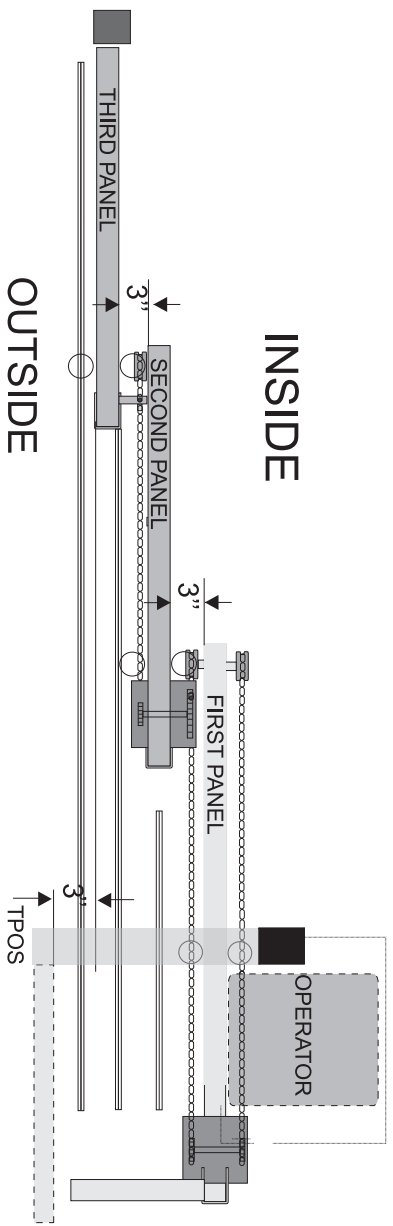
9. Install the chain bracket on the second panel, making sure to align the bracket with the chain coming off the bottom of the idler sprocket.

10. Install the chain going between the gate operator and TK-1000 tandem kit.

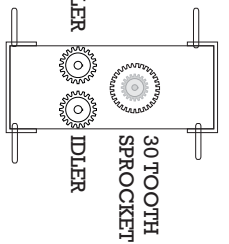
NOTE: Slow down the gate operator 50% by changing the main drive sprocket to a slow down sprocket. This change will maintain 12" per second speed on the second panel.



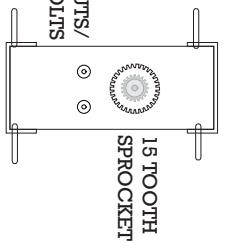
FRONT MOUNT TANDEM INSTALLATION THREE PANEL



TK-1000 (MOUNTED ON FIRST PANEL) MUST HAVE TWO 15 TOOTH SPROCKETS ONE ON EACH SIDE OF THE SHAFT. IT DOES NOT USE THE IDLERS.



TK-1000 (MOUNTED ON SECOND PANEL), VIEW FACING INSIDE OF PROPERTY OR PANEL, FIRST PANEL, TK1000 TO TK-1000 ON SECOND PANEL CHAIN CONNECTION



TK-1000 (MOUNTED ON SECOND PANEL), VIEW FACING OUTSIDE OF PROPERTY OR THIRD PANEL, TK-1000 CHAIN CONNECTION TO GATE BRACKET ON THIRD PANEL

- NOTES:**
- MAKE SURE TO CHANGE 30-TOOTH SPROCKET ON TK-1000 TO 15-TOOTH SPROCKET (BOTH SPROCKETS SHOULD BE 15-TOOTH ON TK-1000 OF FIRST PANEL).
 - MAKE SURE TO CHANGE MAIN DRIVE SPROCKET ON GATE OPERATOR TO A SLOW DOWN, 12-TOOTH SPROCKET.
- CHAIN CONNECTION
TK-1000 (FIRST PANEL) TO
TK-1000 (SECOND PANEL),
CHAIN CONNECTION
GATE OPERATOR TO TK-1000
ON FIRST PANEL.