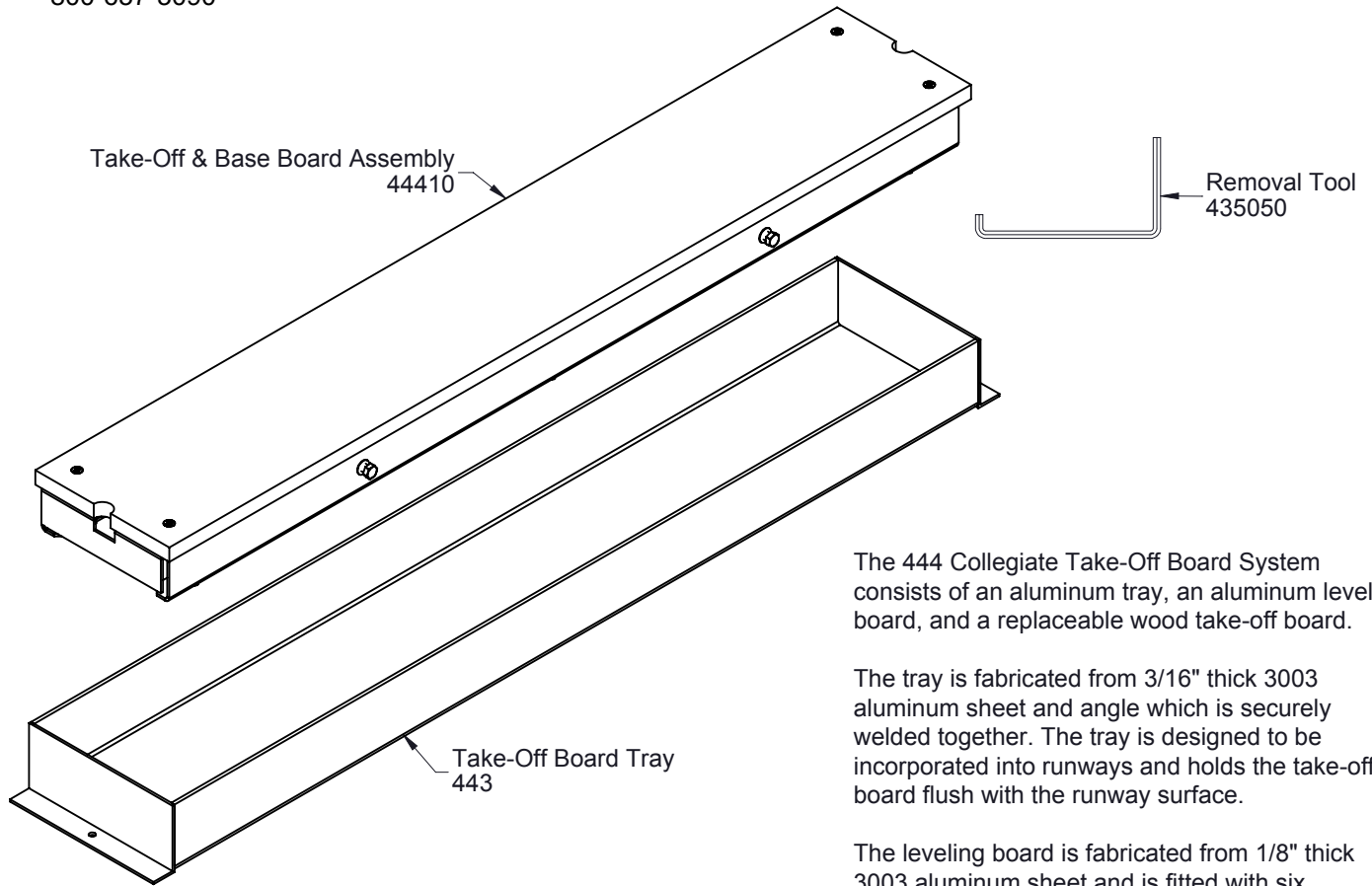




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444 - COLLEGIATE TAKE-OFF BOARD SYSTEM SPECIFICATIONS



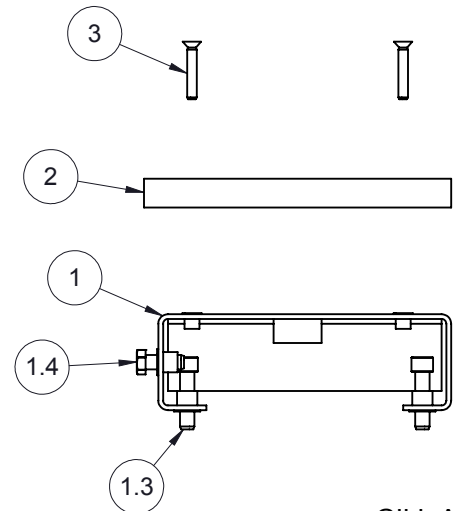
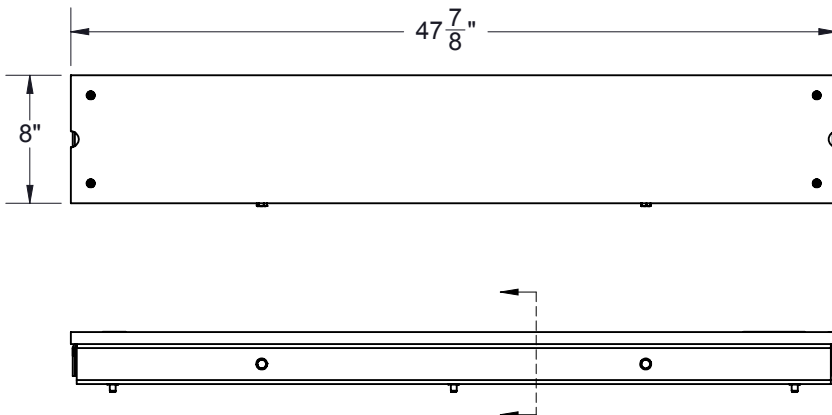
The 444 Collegiate Take-Off Board System consists of an aluminum tray, an aluminum leveling board, and a replaceable wood take-off board.

The tray is fabricated from 3/16" thick 3003 aluminum sheet and angle which is securely welded together. The tray is designed to be incorporated into runways and holds the take-off board flush with the runway surface.

The leveling board is fabricated from 1/8" thick 3003 aluminum sheet and is fitted with six adjustable feet and two lateral constraint adjustments to eliminate any motion in the tray and ensure a flush fit for the take-off board.

Take-off boards are fabricated from 3/4" marine grade plywood, sealed and painted with outdoor enamel coating.

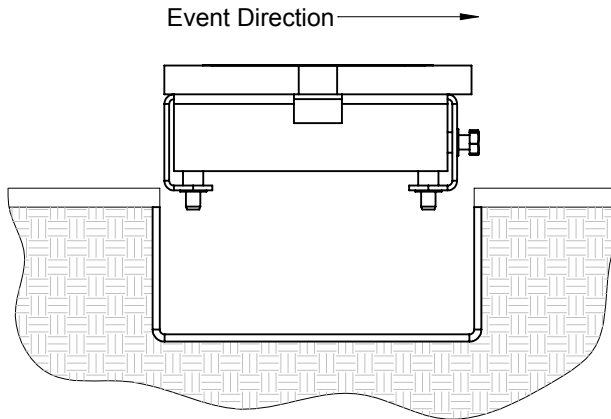
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	44402	Leveling Base Board, 444	1
1.3	M2530	3/8"-16 x 1.5" SS Socket Cap Screw	6
1.4	M2787	3/8"-16 x 1" SS Hex Bolt	2
2	44404	Painted Wood Take-Off Board, 444	1
3	M2257	1/4"-20 x 1.5" SS FH Phillips Screw	4



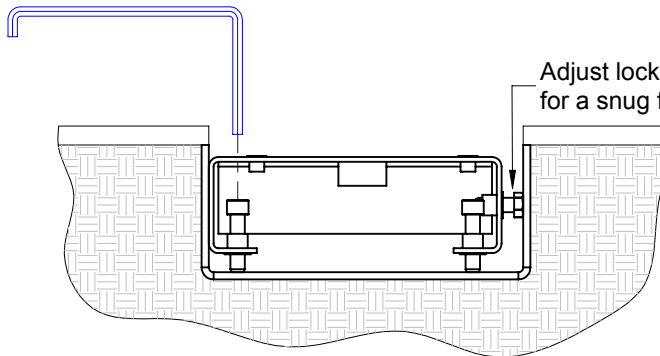


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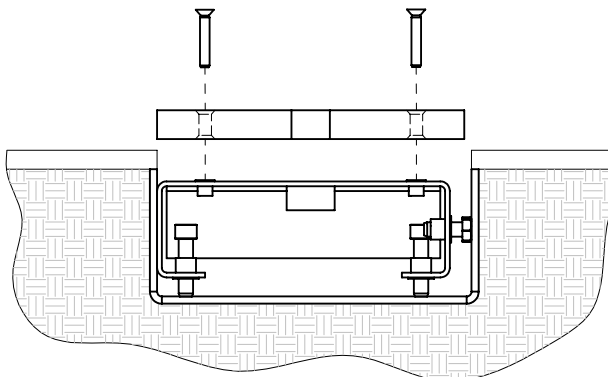
444 - COLLEGIATE TAKE-OFF BOARD SYSTEM CUSTOMER INSTRUCTIONS



Place the Take-Off & Base Board Assembly (44410) in the Tray (443) so that the locking bolts (M2787) face the sand pit.

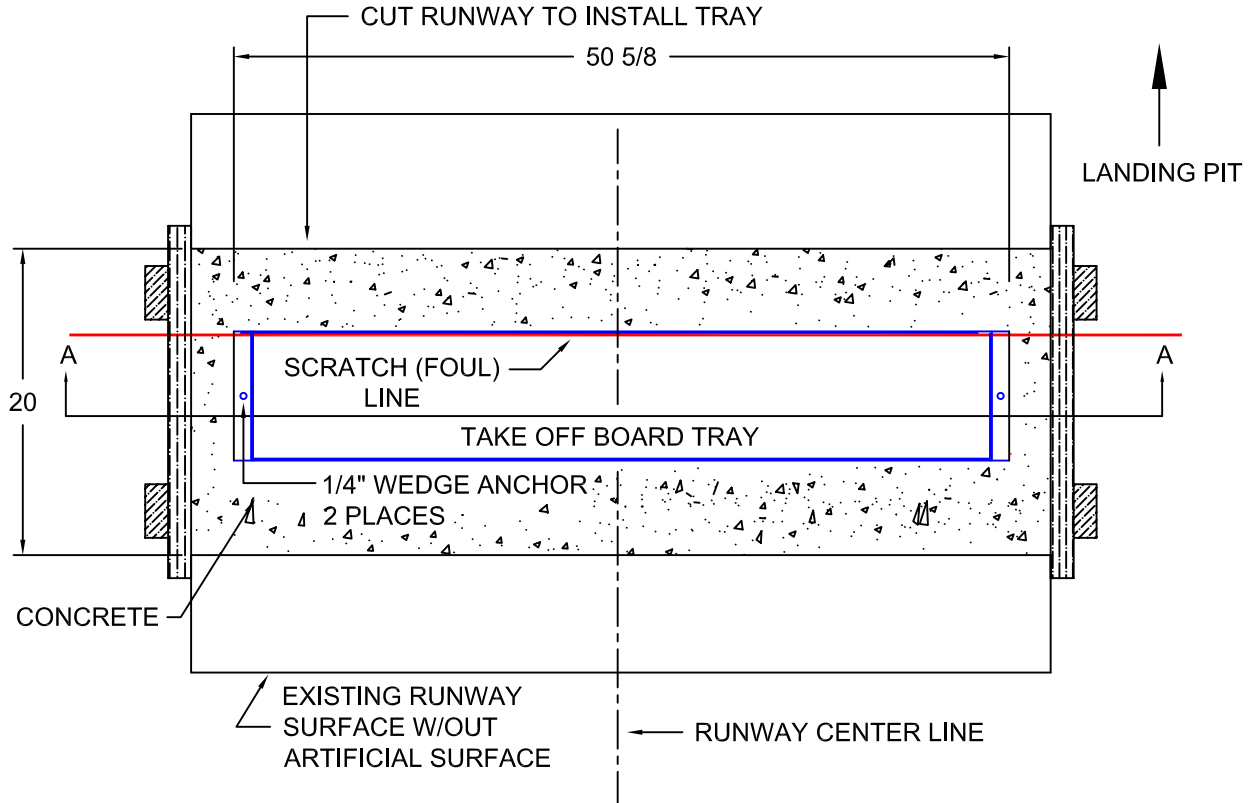


If the board needs adjusting, remove the Take-Off board (44404) and use the removal tool (435050) to adjust the leveling screws (M2530) from the top down. The locking bolts (M2787) can be adjusted so that the base board (44402) sits tight in the tray (443).

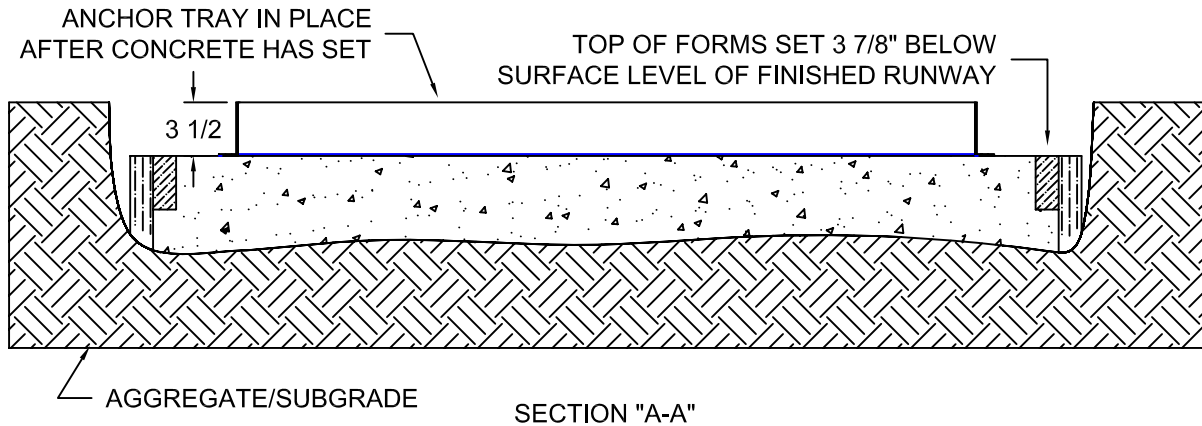


Replace the Take-Off board (44404) and secure it in place with four screws (M2257).

INSTALLING 443 TRAY ON A RECESSED CONCRETE PAD

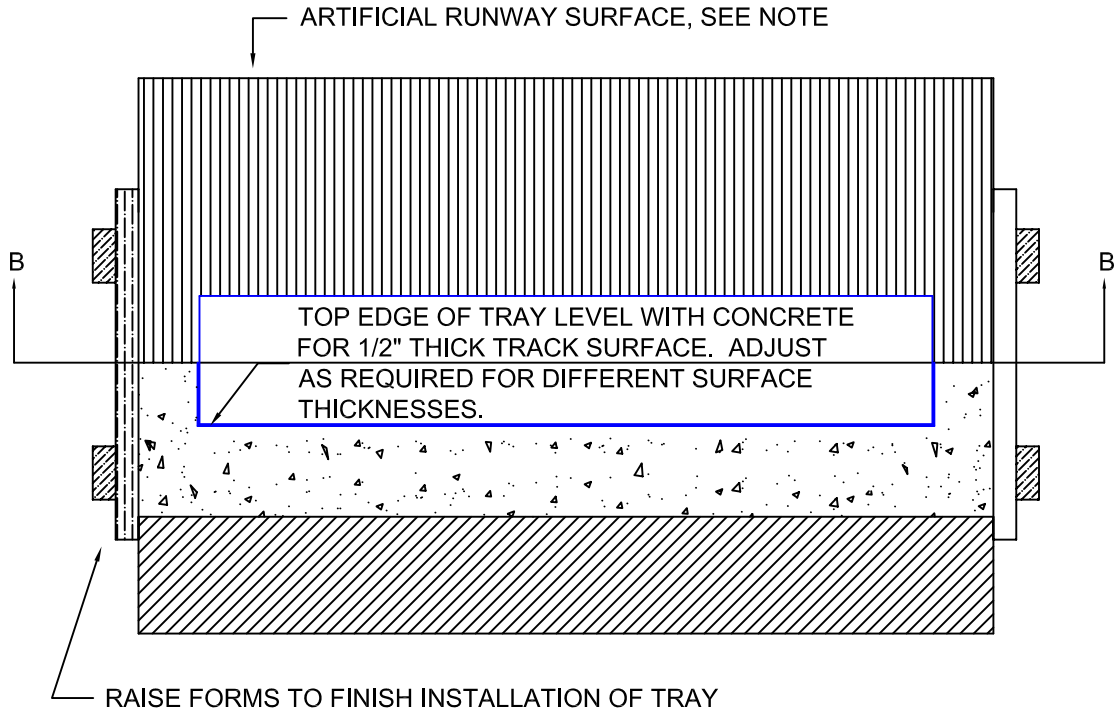


NOTE: It is recommended that a drain be installed in the box by drilling a hole in the box to match a PVC pipe drain line through the base concrete. This line can go to a drainage system or a gravel sump.



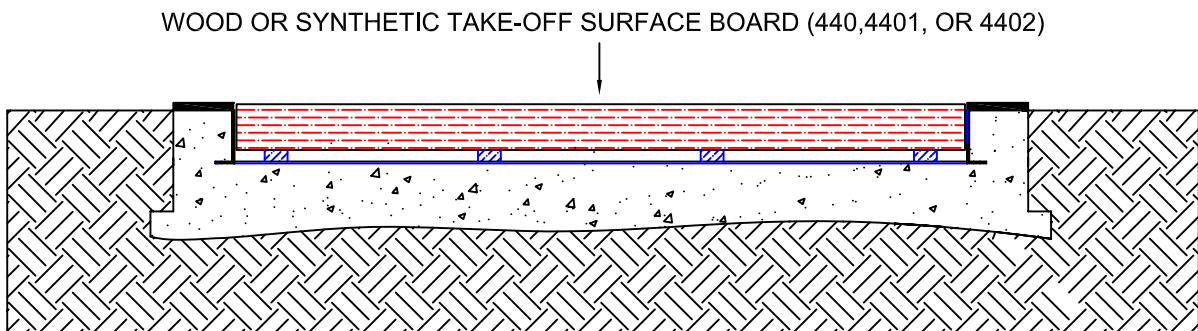
NOTICE: All installations should be done by experienced contractors and in accord with all applicable codes, laws and regulations. Suggested installation instructions herein are illustrative only and should be adapted to suit local requirements. Gill Athletics is not responsible for the manner in which these products are installed.

FINISHING INSTALLATION



NOTE:

1. Artificial runway surface should be trimmed even with the inside edge of the tray.
2. If tray is installed in an asphalt runway without an artificial surface, the top edge of the tray should be 1/2" below the asphalt runway.



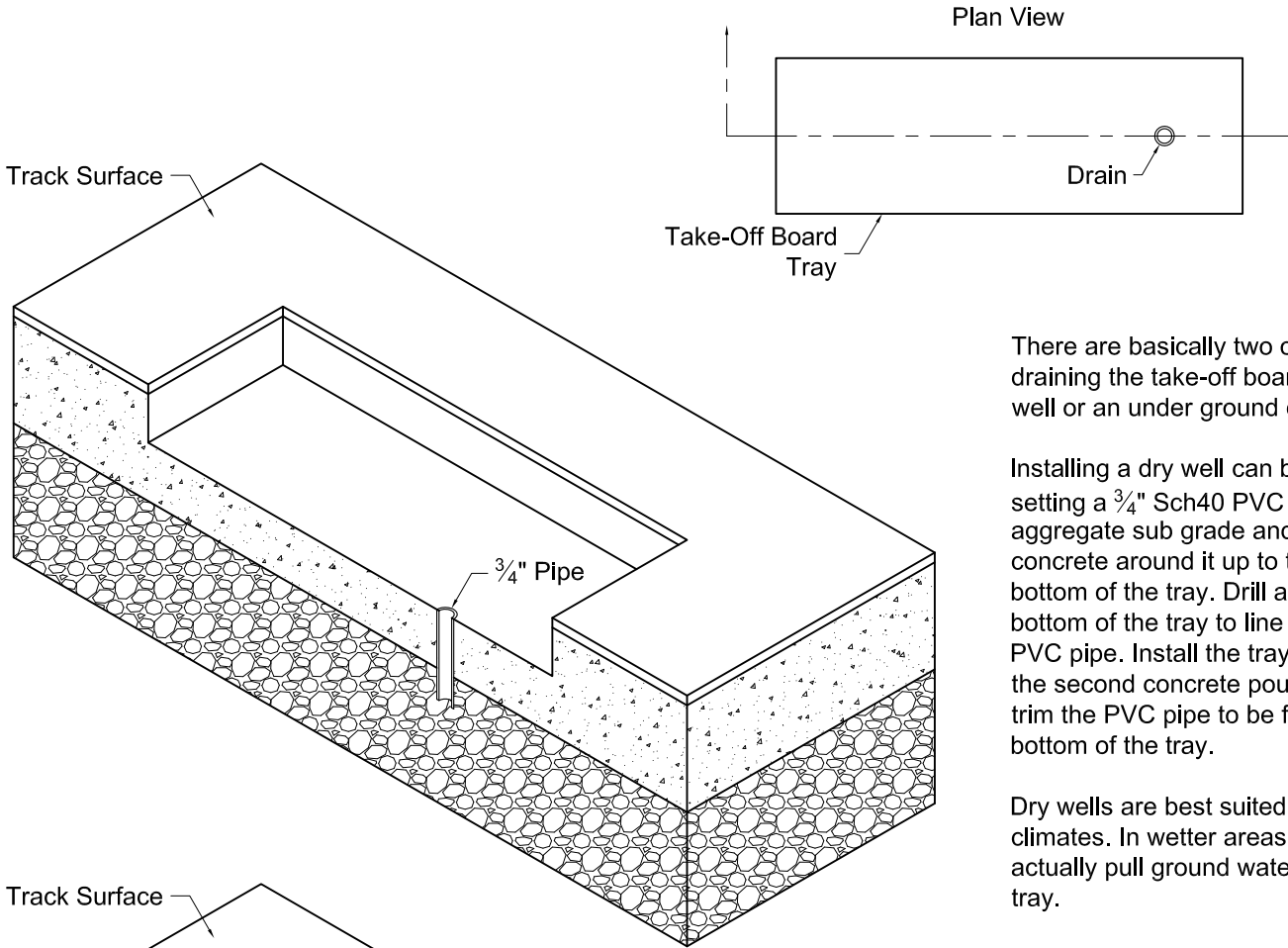
SECTION "B-B"

INSTALLATION FINISHED WITH GILL 440 SERIES TAKE-OFF BOARD INSTALLED



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LJ & TJ TAKE-OFF BOARD TRAYS DRAINAGE



There are basically two options for draining the take-off board tray; a dry well or an under ground drainage pipe.

Installing a dry well can be as simple as setting a $\frac{3}{4}$ " Sch40 PVC pipe in the aggregate sub grade and pouring concrete around it up to the level of the bottom of the tray. Drill a hole in the bottom of the tray to line up with the PVC pipe. Install the tray and complete the second concrete pour. If need be, trim the PVC pipe to be flush with the bottom of the tray.

Dry wells are best suited for dry climates. In wetter areas a dry well may actually pull ground water up into the tray.

The other method is to use an under ground drainage pipe to take the water away. A small pipe would lead from the bottom of the tray to a larger under ground pipe. This pipe would be connected to a storm water system.

If the tray is set at a slight inclination, position the drain at the low end.

The pipe sizes listed here are just suggestions. Other pipe sizes will work. The pipe sizes (and number of drains) will determine how fast the tray drains. Also smaller pipes will become clogged with debris quicker.

With any drain system, maintenance must be performed to keep the drains free of debris.

