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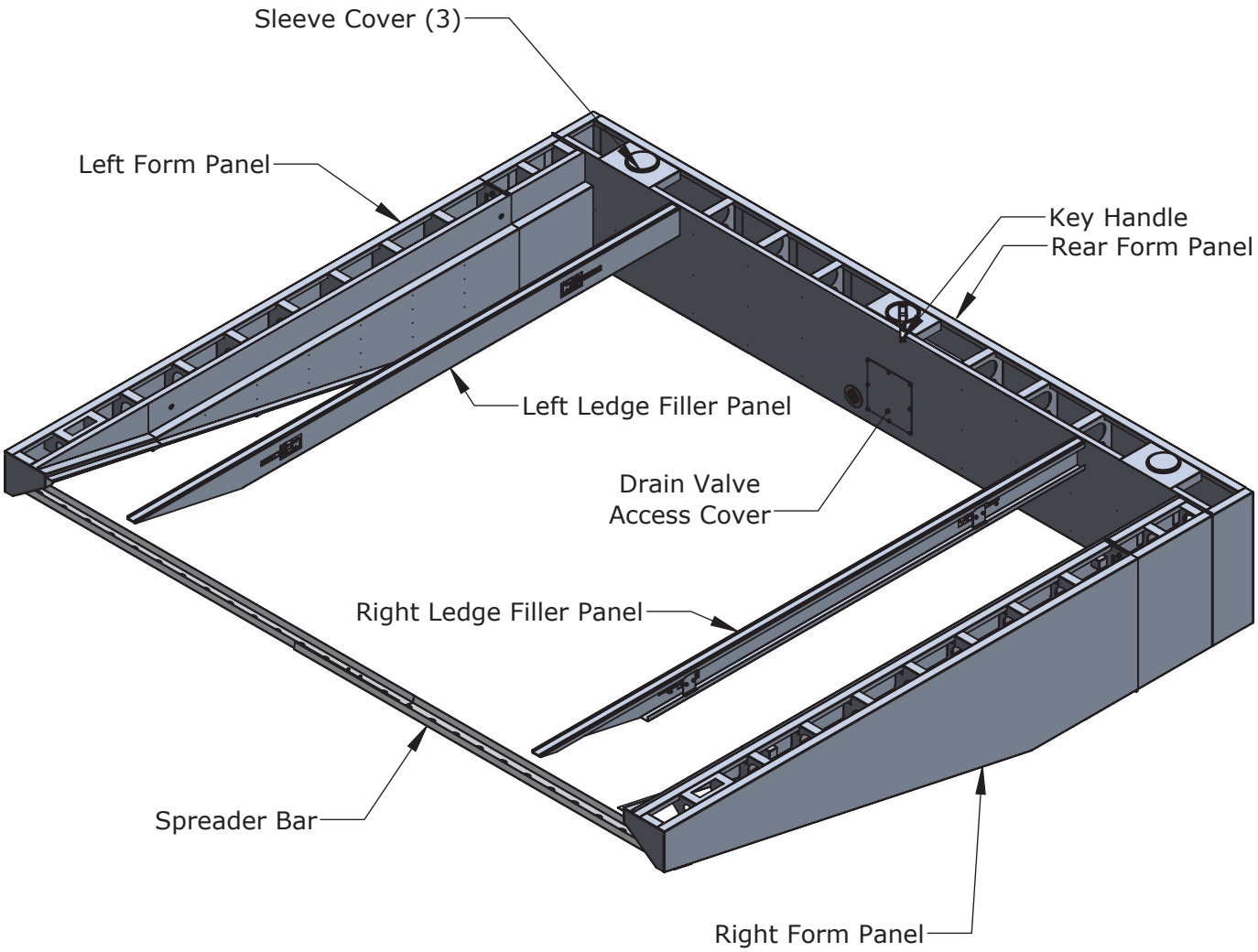
Install Instructions

Steeplechase Water Jump Forming System

Product No.	Product Description
SCWJFS50	Steeplechase Pit, Integrated Center Drain, 50 cm

5/12/21

*Note: Interior concrete and track surfacing not shown for clarity



TITLE:	DWG NO:
System Overview	ID-00231
	SHEET 1 OF 1

Step 1

Check project specific drawings to determine form location. Excavate a pit approximately 18' wide by 16' long. The pit should have adequate depth for subbase and blocking materials per plans and specifications. Refer to Section A-A below for required depth of the form at each end. Consider local soil conditions to ensure the pit provides proper subsurface drainage. Prepare subbase according to plans and specifications.

Step 2

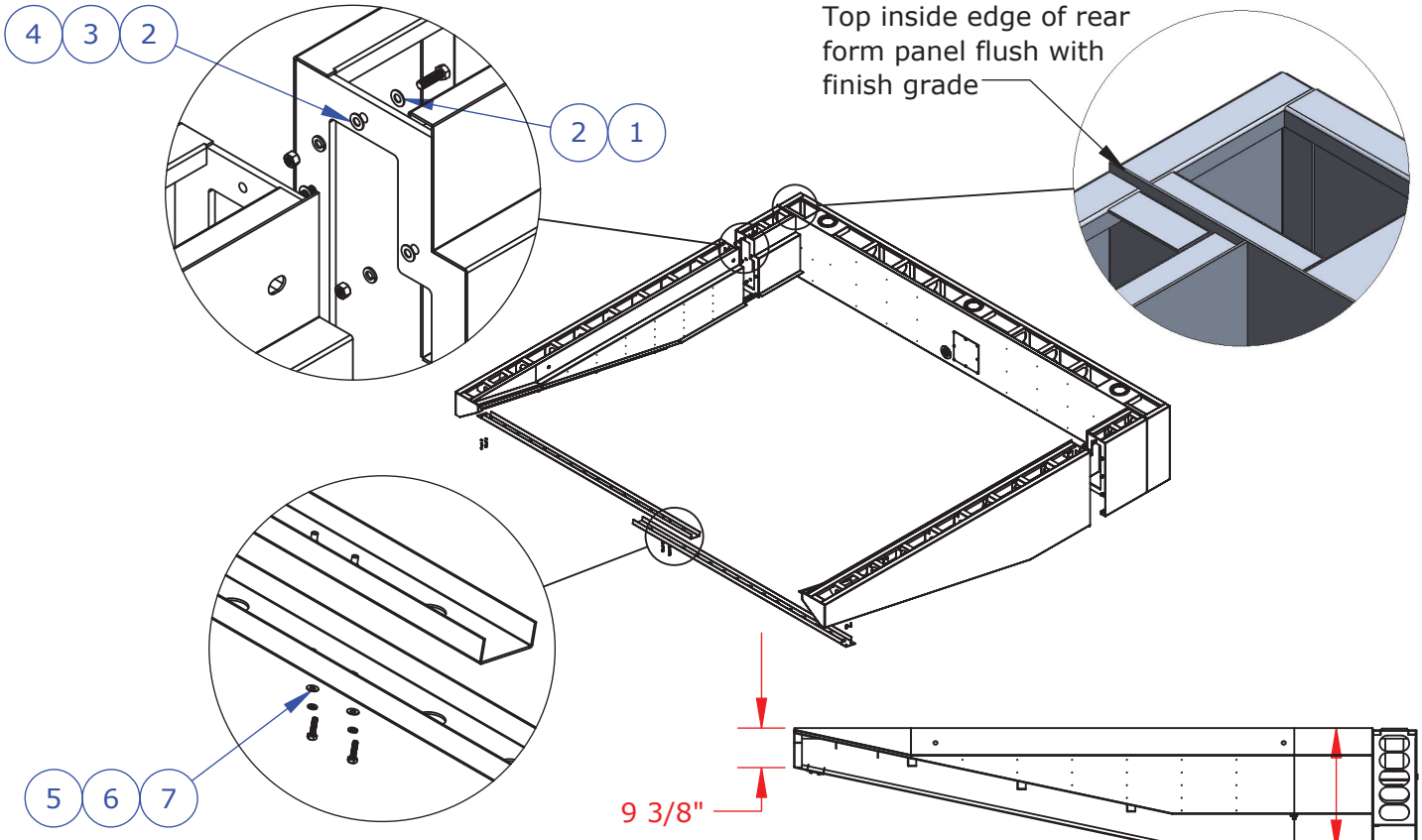
Place the rear form panel inside the pit on support blocks located under the lowest surface of the framework. The top inside edge of the form panel should be flush with finish grade. Secure the rear form panel into position with rebar stakes driven into the subbase along the form.

Step 3

Place the left and right form panels inside the pit. Bolt each panel to the rear form panel using shown connection hardware.

Step 4

Assemble spacer bars to the left and right form panels using shown connection hardware. The spacer bars will help maintain the squareness of the form during concrete pour and will remain in place.



ITEM NO.	QTY.	SAP Part Number	DESCRIPTION
1	14	101-HHC-0031	3/8-16 x 1.25'' Hex Head Bolt, 304 SS
2	28	110-FLW-0005	3/8 S.S. FLAT WASHER
3	14	110-SLW-0006	3/8-16 S. S. Lock Washer
4	14	107-HXN-0020	3/8-16 STAINLESS STEEL HEX NUT
5	6	101-HHC-0021	1/4-20 x 1.00'' hex head bolt, 304 SS
6	6	110-SLW-0002	1/4 SS LOCK WASHER
7	6	110-FLW-0002	1/4" S.S. FLAT WASHER

TITLE:

Excavation and Form Assembly

DWG NO:

ID-00232

SHEET 1 OF 1

Step 1

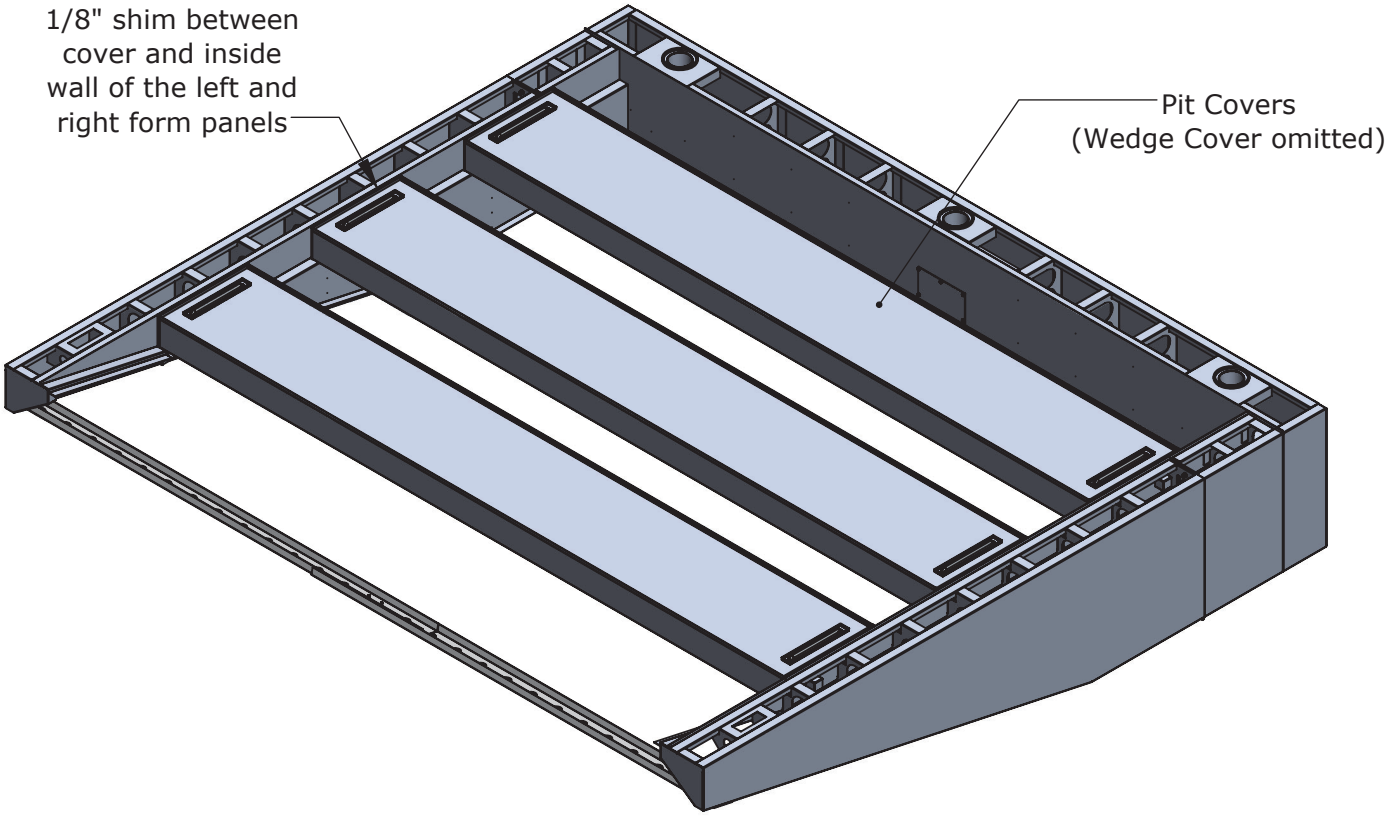
Level the form assembly by shimming at the support blocks until the tops of the inside of the forms are at finish grade. While shimming, square up the form assembly by taking diagonal corner to corner measurements and adjusting until they are equal.

Step 2

Place 3-5 of the supplied pit covers onto the ledges of the left and right form panels along the length of the pit, with 1/8" shims between the cover and the inside wall of the left and right form panels. The covers will provide additional sidewall rigidity and prevent billowing of the form panels. Do not use the wedge cover, only use the rectangular covers.

Step 3

Backfill the outside form panels with backfill material to prevent billowing.



TITLE:	DWG NO:
Leveling the Forms	ID-00238
	SHEET 1 OF 1

Note: Be sure to avoid pouring concrete or synthetic track surface into the sleeves within the rear form panel.

Step 1

Pour concrete into all form panels flush with the outside edge (See Detail A). Vibrate concrete to prevent void spaces in form panels.

Step 2

Place reinforcing steel or wire mesh and subbase material in the pit floor per plans and specifications. The interiors of the left and right form panels have a preformed screed edge to help define the elevation and slope of the floor (See Detail B).

Warning: Failure to keep concrete level with screed edge will prevent the wedge cover from fitting correctly.

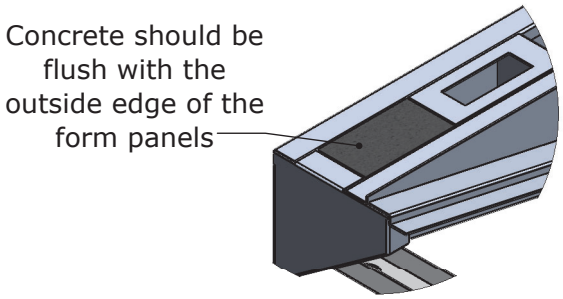
Step 3

Once concrete has set, backfill the entire structure according to plans and specifications.

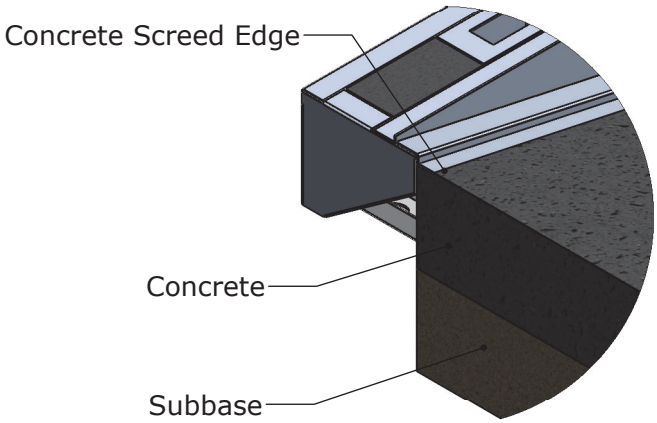
Step 4

Install synthetic track surface onto the top surfaces of all form panels as well as inside the pit (See Detail C). Also install synthetic track surface onto to the left and right ledge filler panels and all sleeve covers (See Details D, E, and F).

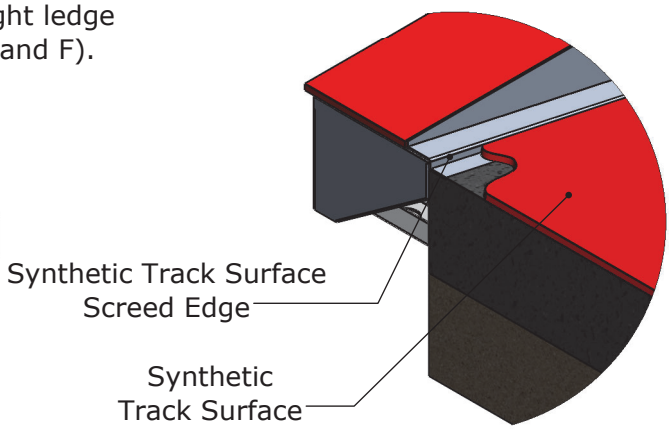
Warning: Failure to keep synthetic track surface level with screed edge will prevent the wedge cover from fitting correctly.



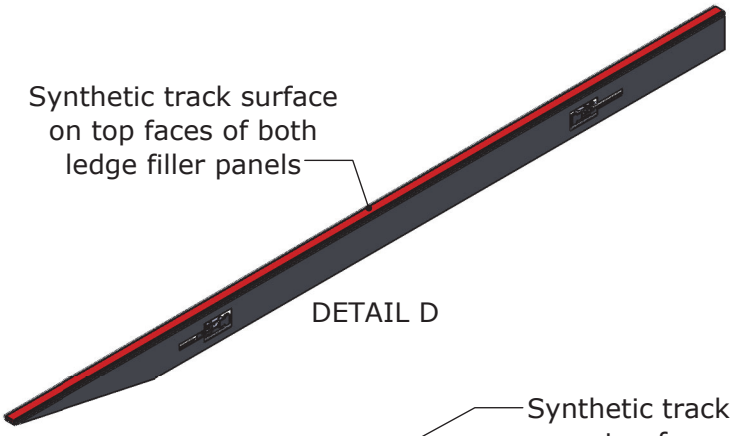
DETAIL A



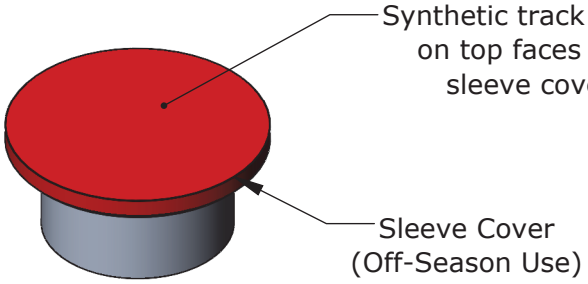
DETAIL B



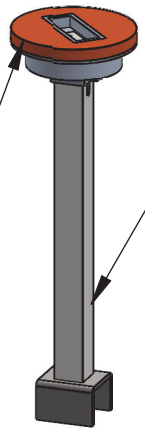
DETAIL C



DETAIL D



DETAIL E

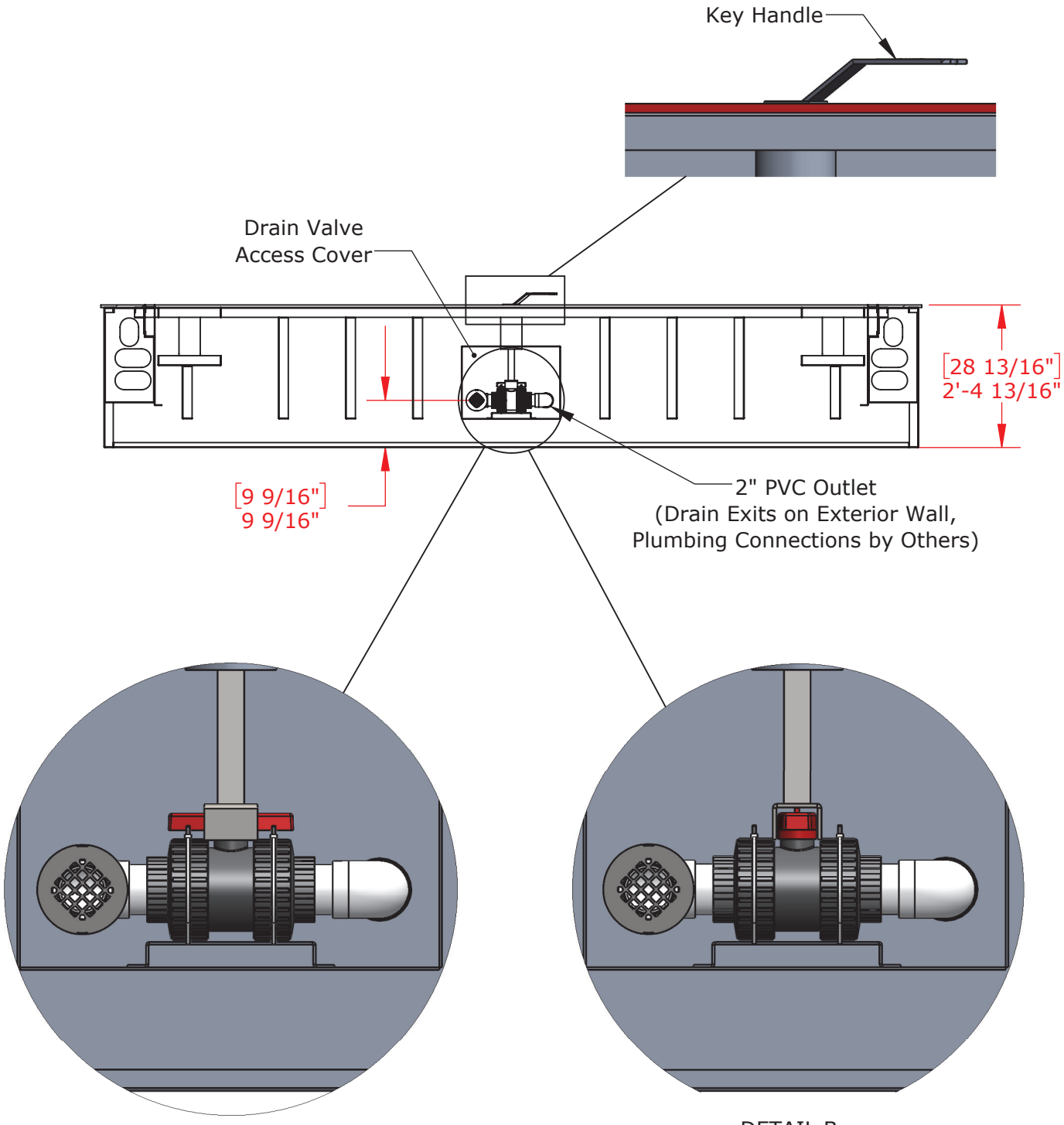


DETAIL F

TITLE:	DWG NO:
Concrete and Synthetic Track Placement	ID-00239
	SHEET 1 OF 1

Use the supplied Key Handle to open and close the drain valve contained in the rear form panel. The valve is open when aligned with the width of the pit as shown in Detail A. The valve is closed when aligned with the length of the pit as shown in Detail B.

It is strongly recommended that the valve remain closed when pit is in use and open when the pit is not in use and in the winter to avoid freezing. If drain maintenance or replacement is required, remove the access cover on the rear form panel. If drain valve replacement or repair is required, please contact Sportsfield Specialties Customer Service.



DETAIL A
Drain in Open Position

DETAIL B
Drain in Closed Position

TITLE:	DWG NO:
Drain Valve Operation	ID-00243
	SHEET 1 OF 1