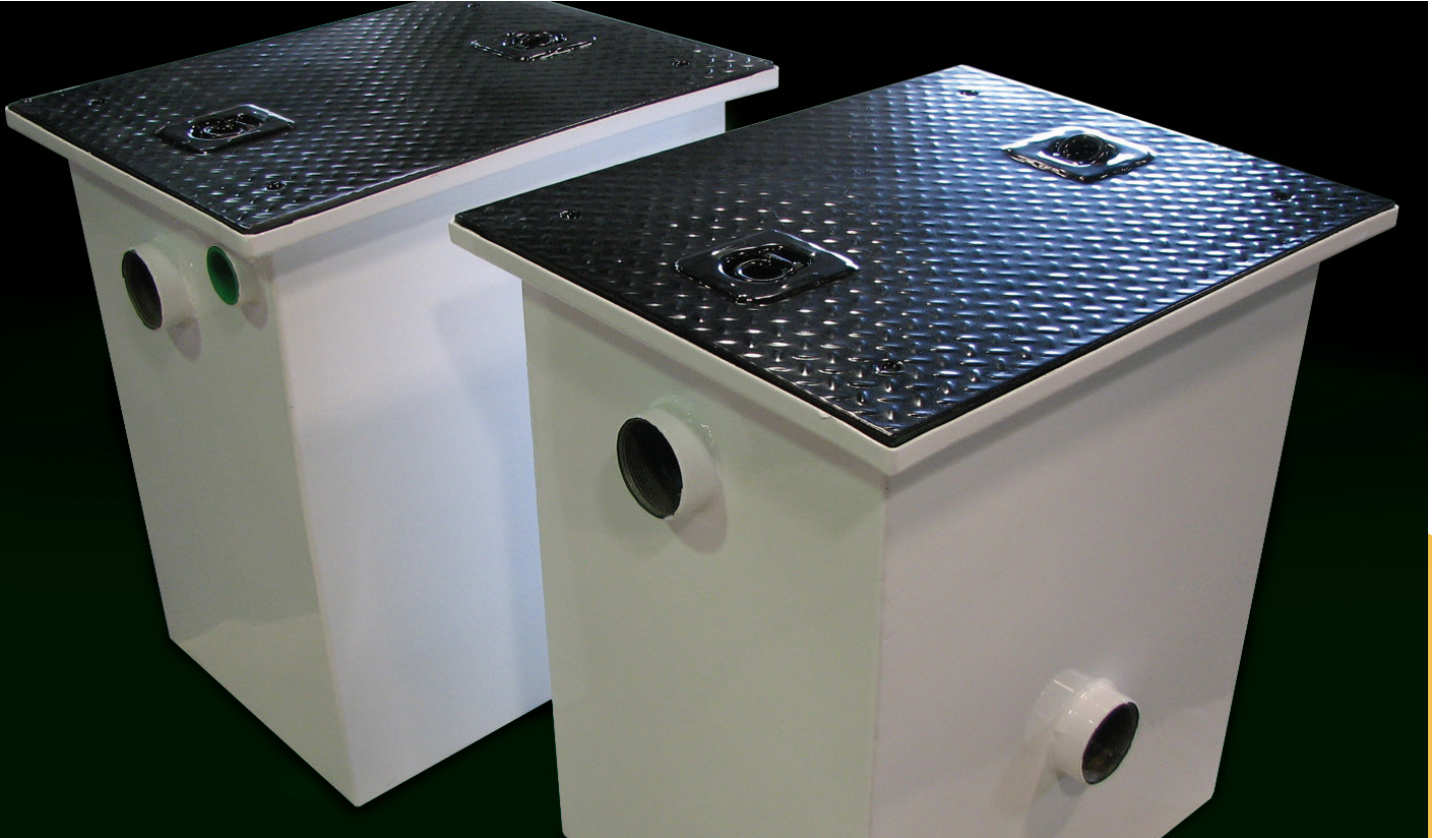


**Built on Tradition**



**Highland Tank®**



## Elevator Sump MOI

HT-2511

Manual Oil Interceptors (MOI) are designed to trap sediment and retain free floating oil and grease (petroleum hydrocarbons) from wastewater discharged from hydraulic elevator pit applications.

MOIs prevent the discharge of sediment, oil, grease, and other substances harmful to the building's drainage system, the public sewer or sewage treatment plant or processes.

### Operation

MOIs are installed between the elevator sump and the sanitary sewer, either aboveground or below ground. The operation of the MOI is simple. MOIs retain wastewater long enough to allow those contaminants with specific gravities different than water to separate out by gravity. Since oil is lighter than water, the oil floats and can be manually skimmed from the surface of the interceptor.

Conversely, solids settle to the bottom and accumulate at the sludge baffle. The accumulating waste oil and solids are periodically removed and properly disposed.

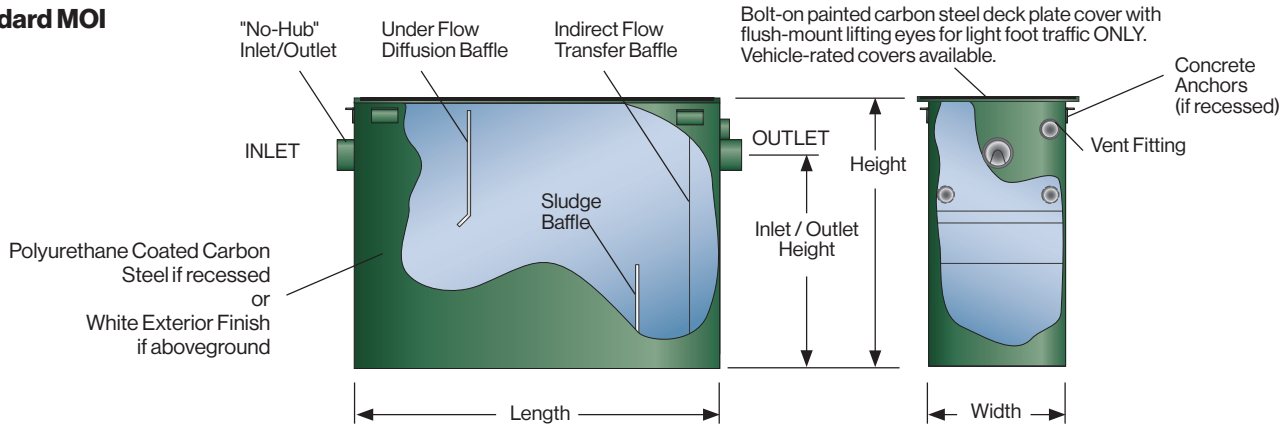
### Options & Accessories

- Influent sump pumps
- Control panels with high oil alarms
- Effluent pumps within MOI clear well
- Double-wall with leak detection
- Optional elevated stand

**State of Massachusetts Plumbing Board  
Approval # P3-0317-453.**

# Drawing & Details

## Standard MOI



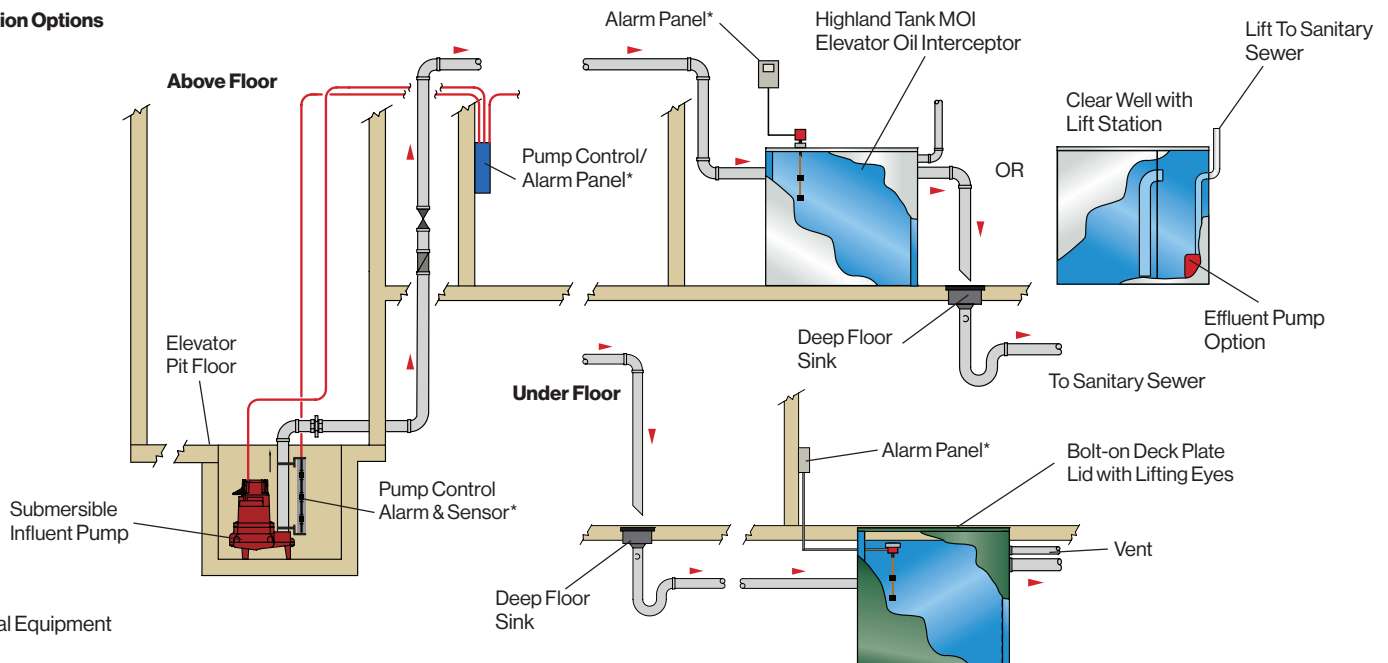
## Construction

MOIs are constructed of mild carbon steel and internally lined with a two-part polyurethane system. Stainless steel construction is also available. MOIs are suitable for installation above or below grade and are available in configurations to fit almost any requirement.

Top deck plate covers allow for flush-with-floor installation for easy access for maintenance and cleaning. Optional vapor-tight quick-opening covers or hinged hatch doors are available. Optional vehicle-traffic-rated grade level covers are also available.

Model MOI	*Flow Rate Gal/Min	Total Volume		Nominal Dimensions			Inlet & Outlet NPT	Inlet & Outlet Height
		Gallons	Ft. <sup>3</sup>	Length	Width	Height		
50	50	80.8	10.8	36"	22"	36"	3"	28"
100	100	187.5	25.1	53"	34"	36"	4"	28"
150	150	214.3	28.6	60"	34"	38"	4"	28"
200	200	291.4	39.0	70"	34"	42"	4"	32"

## Installation Options



\*Optional Equipment



**Stoystown, PA**  
One Highland Rd.  
Stoystown, PA 15563  
(814) 893-5701

**Manheim, PA**  
4535 Elizabethtown Rd.  
Manheim, PA 17545  
(717) 664-0600

**Watervliet, NY**  
958 19th St.  
Watervliet, NY 12189  
(518) 273-0801

**Greensboro, NC**  
2700 Patterson St.  
Greensboro, NC 27407  
(336) 218-0801

**Friedens, PA**  
1510 Stoystown Rd.  
Friedens, PA 15541  
(814) 443-6800

**Clarkston, MI**  
4701 White Lake Rd.  
Clarkston, MI 48346  
(248) 625-8700

**Mancelona, MI**  
9517 Lake St.  
Mancelona, MI 49659  
(231) 587-8412