PENTAIR

MYERS®

Specifications
SRA23HH SERIES 2-1/2" SOLIDS HANDLING SEWAGE PUMP LIFT-OUT RAIL SYSTEMS

GENERAL – Furnish and install a complete solids handling sewage pumping system consisting of _____ (qty) Myers _____ (model number) submersible solids handling sewage pumps and _____ (model number) lift-out rail systems, valves, controls, access cover(s) and all other appurtenances to make a complete system. For hazardous locations, the lift-out rail system shall be of nonsparking design and shall be listed for hazardous location service.

COMPONENTS – Each lift-out rail system shall consist of a ductile iron discharge base, cast iron (brass for hazardous locations) pump attaching and sealing plate, cast iron (brass for hazardous locations) pump guide plate, and cast iron elbow. All exposed nuts, bolts, and fasteners shall be of 300 series stainless steel. No fabricated steel parts shall be used.

ELBOW (if applicable) **–** Discharge elbow shall be _____. Elbow shall bolt onto base and have standard 125 lb. flanges. Rail systems requiring piping increasers to attach larger discharge pipe that might interfere with pump installation and removal will not be considered equal.

SEALING – A sealing plate shall be attached to the pump. A simple downward sliding motion of the pump and guide plate on the guide rails shall cause the unit to be automatically connected and sealed to the base.

GUIDE RAILS – Two rail pipes shall be used to guide the pump from the surface to the discharge base connection. The guide rails shall be 2" schedule 40 _____ galvanized or _____ stainless steel pipe. The weight of the pump shall bear solely on the discharge base and not on the guide rails. Rail systems that require the pump to be supported by legs that might interfere with the flow of solids into the pump suction will not be considered equal. The guide rail shall be firmly attached to the access hatch frame. Systems deeper than 21 feet shall use an intermediate guide for each 21 feet of wetwell depth.

LIFTING CHAIN – An adequate length of _____ galvanized or _____ stainless steel lifting chain shall be supplied for removing the pump. The chain shall be of sufficient length and shall include an adequate number of lifting rings for easy removal.

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Specifications
SRA3030 SERIES 3" SOLIDS HANDLING SEWAGE PUMP LIFT-OUT RAIL SYSTEMS

GENERAL – Furnish and install a complete solids handling sewage pumping system consisting of _____ (qty) Myers _____ (model number) submersible solids handling sewage pumps and _____ (model number) lift-out rail systems, valves, controls, access cover(s) and all other appurtenances to make a complete system. For hazardous locations, the lift-out rail system shall be of nonsparking design and shall be FM Listed for Class 1, Groups C and D hazardous location service.

COMPONENTS – Each lift-out rail system shall consist of a ductile iron discharge base, cast iron pump (brass faced pump for hazardous locations) attaching and sealing plate, stainless steel (brass for hazardous locations) pump guide plate and cast iron elbow. All exposed nuts, bolts, and fasteners shall be of 300 series stainless steel.

ELBOW (if applicable) **–** Discharge elbow shall be 3" x 3". Elbow shall bolt onto base and have standard 125 lb. flanges.

SEALING – A sealing plate shall be attached to the pump. A simple downward sliding motion of the pump and guide plate on the guide rails shall cause the unit to be automatically connected and sealed to the base. The mating faces of the sealing plate and base shall be machined to provide a metal-to-metal, leak-proof seal at all operating pressures.

GUIDE RAILS – Two rail pipes shall be used to guide the pump from the surface to the discharge base connection. The guide rails shall be 1-1/2" schedule 40 _____ galvanized or _____ stainless steel pipe. The weight of the pump shall bear solely on the discharge base and not on the guide rails. Rail systems that require the pump to be supported by legs that might interfere with the flow of solids into the pump suction will not be considered equal. The guide rail shall be firmly attached to the access hatch frame. Systems deeper than 21 feet shall use an intermediate guide for each 21 feet of wetwell depth.

LIFTING CHAIN – An adequate length of _____ galvanized or _____ stainless steel lifting chain shall be supplied for removing the pump. The chain shall be of sufficient length and shall include an adequate number of lifting rings for easy removal.

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Specifications

SRA4040 SERIES 4" SOLIDS HANDLING SEWAGE PUMP LIFT-OUT RAIL SYSTEMS

GENERAL – Furnish and install a complete solids handling sewage pumping system consisting of _____ (qty) Myers _____ (model number) submersible solids handling sewage pumps and _____ (model number) lift-out rail systems, valves, controls, access cover(s) and all other appurtenances to make a complete system. For hazardous locations, the lift-out rail system shall be of the nonsparking design and shall be listed for hazardous location service.

COMPONENTS – Each lift-out rail system shall consist of a ductile iron discharge base, cast iron (brass faced for hazardous locations) pump attaching and sealing plate, stainless steel (brass for hazardous locations) pump guide plate, and cast iron elbow. All exposed nuts, bolts, and fasteners shall be of 300 series stainless steel.

ELBOW (if applicable) – Discharge elbow shall be _____. Elbow shall bolt onto base and have standard 125 lb. flanges.

SEALING – A sealing plate shall be attached to the pump. A simple downward sliding motion of the pump and guide plate on the guide rails shall cause the unit to be automatically connected and sealed to the base. The mating faces of the sealing plate and base shall be machined to provide a metal-to-metal, leak-proof seal at all operating pressures.

GUIDE RAILS – Two rail pipes shall be used to guide the pump from the surface to the discharge base connection. The guide rails shall be 1-1/2" schedule 40 _____ galvanized or _____ stainless steel pipe. The weight of the pump shall bear solely on the discharge base and not on the guide rails. Rail systems that require the pump to be supported by legs that might interfere with the flow of solids into the pump suction will not be considered equal. The guide rail shall be firmly attached to the access hatch frame. Systems deeper than 21 feet shall use an intermediate guide for each 21 feet of wetwell depth.

LIFTING CHAIN – An adequate length of _____ galvanized or _____ stainless steel lifting chain shall be supplied for removing the pump. The chain shall be of sufficient length and shall include an adequate number of lifting rings for easy removal.

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Specifications

SRA HIGH HEAD SERIES 4" SOLIDS HANDLING SEWAGE PUMP LIFT-OUT RAIL SYSTEMS

GENERAL – Furnish and install a complete solids handling sewage pumping system consisting of _____ (qty) Myers _____ (model number) submersible solids handling sewage pumps and _____ (model number) lift-out rail systems, valves, controls, access cover(s) and all other appurtenances to make a complete system. For hazardous locations, the lift-out rail system shall be of nonsparking design and shall be listed for hazardous location service.

COMPONENTS – Each lift-out rail system shall consist of a ductile iron discharge base, cast iron (brass for hazardous locations) pump attaching and sealing plate, cast iron (brass for hazardous locations) pump guide plate, and cast iron elbow. All exposed nuts, bolts, and fasteners shall be of 300 series stainless steel. No fabricated steel parts shall be used.

ELBOW (if applicable) **–** Discharge elbow shall be _____. Elbow shall bolt onto base and have standard 125 lb. flanges. Rail systems requiring piping increasers to attach larger discharge pipe that might interfere with pump installation and removal will not be considered equal.

SEALING – A sealing plate shall be attached to the pump. A simple downward sliding motion of the pump and guide plate on the guide rails shall cause the unit to be automatically connected and sealed to the base.

GUIDE RAILS – Two rail pipes shall be used to guide the pump from the surface to the discharge base connection. The guide rails shall be 2" schedule 40 _____ galvanized or _____ stainless steel pipe. The weight of the pump shall bear solely on the discharge base and not on the guide rails. Rail systems that require the pump to be supported by legs that might interfere with the flow of solids into the pump suction will not be considered equal. The guide rail shall be firmly attached to the access hatch frame. Systems deeper than 21 feet shall use an intermediate guide for each 21 feet of wetwell depth.

LIFTING CHAIN – An adequate length of _____ galvanized or _____ stainless steel lifting chain shall be supplied for removing the pump. The chain shall be of sufficient length and shall include an adequate number of lifting rings for easy removal.

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Specifications
SRA400 SERIES
4" SOLIDS HANDLING
SEWAGE PUMP LIFT-OUT
CHECK VALVE RAIL SYSTEMS

GENERAL – Furnish and install a complete solids handling sewage pumping system consisting of _____ (qty) Myers _____ (model number) submersible solids handling sewage pumps and _____ lift-out check valve rail systems, shutoff valves, controls, access cover(s) and all other appurtenances to make a complete system. For hazardous locations, the lift-out rail system shall be of nonsparking design and shall be listed for hazardous location service.

COMPONENTS – Each lift-out system shall consist of a discharge and rail support elbow that bolts to bottom of wetwell, a combination check valve and seal flange that mounts to pump, top rail support guides, and guide/support brackets that mount to pump. All exposed nuts, bolts, and fasteners shall be 300 series stainless steel.

CHECK VALVE – The lift-out check valve shall be of the swing clapper type with rubber facing. A bronze seat bushing shall be mounted in face of valve to provide a corrosion-proof seat. The clapper shall be mounted on a stainless steel shaft and shall be spring loaded to prevent slamming when closing.

The open face of the valve shall be tapered and have a holding groove machined in the face to hold a sealing O-ring. The tapered seat shall allow pump to be nearly sealed at discharge elbow before sealing faces make full contact. A guide plate and adjustable guide bar shall fasten to the top of the pump to ensure proper alignment and support of the pump.

The check valve shall lift out with pump to allow for inspection, cleaning or maintenance of the valve outside the wetwell. No additional check valve shall be required in the discharge piping. Lift-out systems that do not incorporate a lift-out check valve as an integral part of the lift-out assembly shall not be considered equal.

ELBOW – Discharge elbow shall be _____ and shall be integrally cast into the base assembly.

GUIDE RAILS – Two rail pipes shall be used to guide the pump from the surface to the discharge base connection. The guide rails shall be 1-1/2" schedule 40 _____ galvanized or _____ stainless steel pipe. The weight of the pump shall bear solely on the discharge base and not on the guide rails. Rail systems that require the pump to be supported by legs that might interfere with the flow of solids into the pump suction will not be considered equal. The guide rails shall be firmly attached to the access hatch frame. Systems deeper than 18 feet shall use an intermediate guide for each 18 feet of wetwell depth.

LIFTING CHAIN – An adequate length of _____ galvanized or _____ stainless steel lifting chain shall be supplied for removing pump. The chain shall be of sufficient length and shall include an adequate number of lifting rings to provide ease of pump removal.

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Specifications
SRA SERIES
6" SOLIDS HANDLING SEWAGE PUMP LIFT-OUT RAIL SYSTEMS

GENERAL – Furnish and install a complete solids handling sewage pumping system consisting of _____ (qty) Myers _____ (model number) submersible solids handling sewage pumps and _____ (model number) lift-out rail systems, valves, controls, access cover(s) and all other appurtenances to make a complete system. For hazardous locations, the lift-out rail systems shall be of nonsparking design and shall be listed for hazardous location service.

COMPONENTS – Each lift-out rail system shall consist of a ductile iron discharge base, cast iron (brass for hazardous locations) pump attaching and sealing plate, cast iron (brass for hazardous locations) pump guide plate, and cast iron elbow. All exposed nuts, bolts, and fasteners shall be of 300 series stainless steel. No fabricated steel parts shall be used.

ELBOW (if applicable) **–** Discharge elbow shall be _____ . Elbow shall bolt onto base and have standard 125 lb. flanges. Rail systems requiring piping increase to attach larger discharge pipe that might interfere with pump installation and removal will not be considered equal.

SEALING – A sealing plate shall be attached to the pump. A simple downward sliding motion of the pump and guide plate on the guide rails shall cause the unit to be automatically connected and sealed to the base. The open face of the sealing plate shall have dovetailed groove machined into the face to hold a sealing O-ring. The O-ring shall provide a redundant leak-proof seal at all operating pressures.

GUIDE RAILS – Two rail pipes shall be used to guide the pump from the surface to the discharge base connection. The guide rails shall be 2" schedule 40 _____ galvanized or _____ stainless steel pipe. The weight of the pump shall bear solely on the discharge base and not on the guide rails. Rail systems that require the pump to be supported by legs that might interfere with the flow of solids into the pump suction will not be considered equal. The guide rail shall be firmly attached to the access hatch frame. Systems deeper than 21 feet shall use an intermediate guide for each 21 feet of wetwell depth.

LIFTING CHAIN – An adequate length of _____ galvanized or _____ stainless steel lifting chain shall be supplied for removing the pump. The chain shall be of sufficient length and shall include an adequate number of lifting rings for easy removal.

PENTAIR

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Specifications
SRA600 SERIES 6" SOLIDS HANDLING SEWAGE PUMP LIFT-OUT CHECK VALVE RAIL SYSTEMS

GENERAL – Furnish and install a complete solids handling sewage pumping system consisting of _____ (qty) Myers _____ (model number) submersible solids handling sewage pumps and _____ lift-out check valve rail systems, shutoff valves, controls, access cover(s) and all other appurtenances to make a complete system. For hazardous locations, the lift-out rail system shall be of nonsparking design and shall be listed for hazardous location service.

COMPONENTS – Each lift-out system shall consist of a discharge and rail support elbow that bolts to bottom of wetwell, a combination check valve and seal flange that mounts to pump, top rail support guides, and guide/support brackets that mount to pump. All exposed nuts, bolts, and fasteners shall be 300 series stainless steel.

CHECK VALVE – The lift-out check valve shall be of the swing clapper type with rubber facing. A bronze seat bushing shall be mounted in face of valve to provide a corrosion-proof seat. The clapper shall be mounted on a stainless steel shaft and shall be spring loaded to prevent slamming when closing.

The open face of the valve shall be tapered and have a holding groove machined in the face to hold a sealing O-ring. The tapered seat shall allow pump to be nearly sealed at discharge elbow before sealing faces make full contact. A guide plate and adjustable guide bar shall fasten to the top of the pump to ensure proper alignment and support of the pump.

The check valve shall lift out with pump to allow for inspection, cleaning or maintenance of the valve outside the wetwell. No additional check valve shall be required in the discharge piping. Lift-out systems that do not incorporate a lift-out check valve as an integral part of the lift-out assembly shall not be considered equal.

ELBOW – Discharge elbow shall be _____ and shall be integrally cast into the base assembly.

GUIDE RAILS – Two rail pipes shall be used to guide the pump from the surface to the discharge base connection. The guide rails shall be 2" schedule 40 _____ galvanized or _____ stainless steel pipe. The weight of the pump shall bear solely on the discharge base and not on the guide rails. Rail systems that require the pump to be supported by legs that might interfere with the flow of solids into the pump suction will not be considered equal. The guide rails shall be firmly attached to the access hatch frame. Systems deeper than 18 feet shall use an intermediate guide for each 18 feet of wetwell depth.

LIFTING CHAIN – An adequate length of _____ galvanized or _____ stainless steel lifting chain shall be supplied for removing pump. The chain shall be of sufficient length and shall include an adequate number of lifting rings to provide ease of pump removal.

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MYERS®

Specifications
8" SRA SERIES SOLIDS HANDLING SEWAGE PUMP LIFT-OUT RAIL SYSTEMS

GENERAL – Furnish and install a complete solids handling sewage pumping system consisting of _____ (qty) Myers _____ (model number) submersible solids handling sewage pumps and _____ (model number) lift-out rail systems, valves, controls, access cover(s) and all other appurtenances to make a complete system. For hazardous locations, the lift-out rail systems shall be of nonsparking design and shall be FM Listed for Class 1, Groups C and D hazardous location service.

COMPONENTS – Each lift-out rail system shall consist of a cast iron base elbow, a cast iron pump attaching and sealing plate, and a ductile iron pump guide plate. All exposed nuts, bolts, and fasteners shall be of 300 series stainless steel. No fabricated steel parts shall be used.

ELBOW – Discharge base elbow shall be a standard 125 lb. 8" flange.

SEALING – A sealing plate shall be attached to the pump. A simple downward sliding motion of the pump and guide plate on the guide rails shall cause the unit to be automatically connected and sealed to the base. The sealing plate shall have a machined groove to hold a molded urethane sealing ring in place. The sealing ring shall provide a redundant leak-proof seal at all operating pressures.

GUIDE RAILS – Two rail pipes shall be used to guide the pump from the surface to the discharge base connection. The guide rails shall be 2" schedule 40 ____ galvanized or ____ stainless steel pipe. The weight of the pump shall bear solely on the discharge base and not on the guide rails. Rail systems that require the pump to be supported by legs that might interfere with the flow of solids into the pump suction will not be considered equal. The guide rail shall be firmly attached to the access hatch frame. Systems deeper than 21 feet shall use an intermediate guide for each 21 feet of wetwell depth.

LIFTING CHAIN – An adequate length of ____ galvanized or ____ stainless steel lifting chain shall be supplied for removing the pump. The chain shall be of sufficient length and shall include an adequate number of lifting rings for easy removal. Lift chain shall be rated for overhead lifting with a minimum safety factor of 4 to 1.

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Specifications
12" SRA SERIES SOLIDS HANDLING SEWAGE PUMP LIFT-OUT RAIL SYSTEMS

GENERAL – Furnish and install a complete solids handling sewage pumping system consisting of _____ (qty) Myers _____ (model number) submersible solids handling sewage pumps and _____ (model number) lift-out rail systems, valves, controls, access cover(s) and all other appurtenances to make a complete system. For hazardous locations, the lift-out rail system shall be of nonsparking design and shall be FM Listed for Class 1, Groups C and D hazardous location service.

COMPONENTS – Each lift-out rail system shall consist of a cast iron base elbow, a cast iron pump attaching and seal plate, and a ductile iron pump guide plate. All exposed nuts, bolts, and fasteners shall be of 300 series stainless steel. No fabricated steel parts shall be used.

ELBOW – Discharge base elbow shall be a standard 125 lb. 12" flange.

SEALING – A sealing plate shall be attached to the pump. A simple downward sliding motion of the pump and guide plate on the guide rails shall cause the unit to be automatically connected and sealed to the base. The sealing plate shall have a machined groove to hold a molded urethane sealing ring in place. The sealing ring shall provide a redundant leak-proof seal at all operating pressures.

GUIDE RAILS – Two rail pipes shall be used to guide the pump from the surface to the discharge base connection. The guide rails shall be 3" schedule 40 _____ galvanized or _____ stainless steel pipe. The weight of the pump shall bear solely on the discharge base and not on the guide rails. Rail systems that require the pump to be supported by legs that might interfere with the flow of solids into the pump suction will not be considered equal. The guide rail shall be firmly attached to the access hatch frame. Systems deeper than 21 feet shall use an intermediate guide for each 21 feet of wetwell depth.

LIFTING CHAIN – An adequate length of _____ galvanized or _____ stainless steel lifting chain shall be supplied for removing the pump. The chain shall be of sufficient length and shall include an adequate number of lifting rings for easy removal. Lift chain shall be rated for overhead lifting with a minimum safety factor of 4 to 1.

PENTAIR

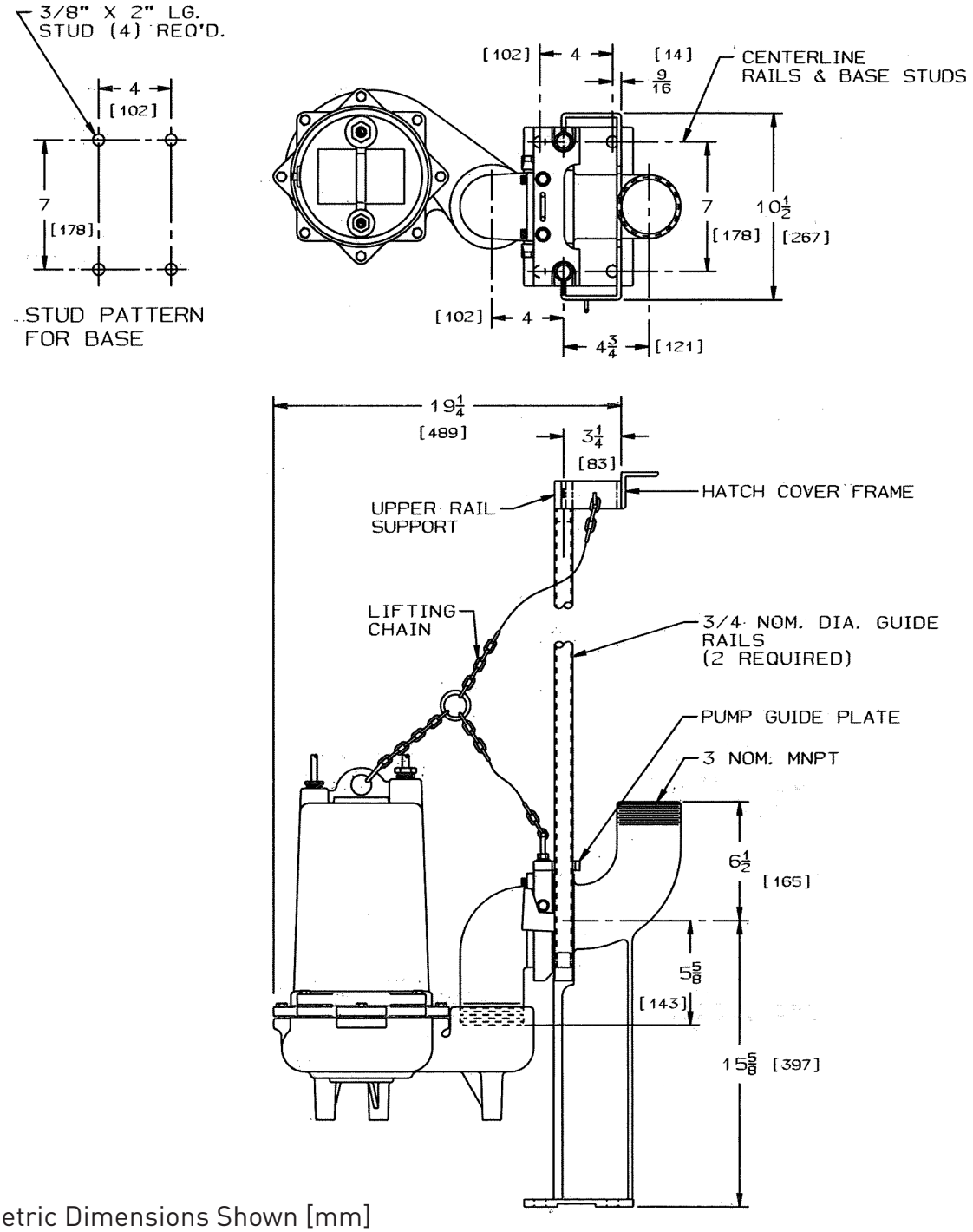
MYERS®

Typical Installation

3MW – 3450 RPM

1–3 HP Submersible Solids Handling
3" Discharge Wastewater Pump

Slide Rail Dimensions
(SRA-300 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

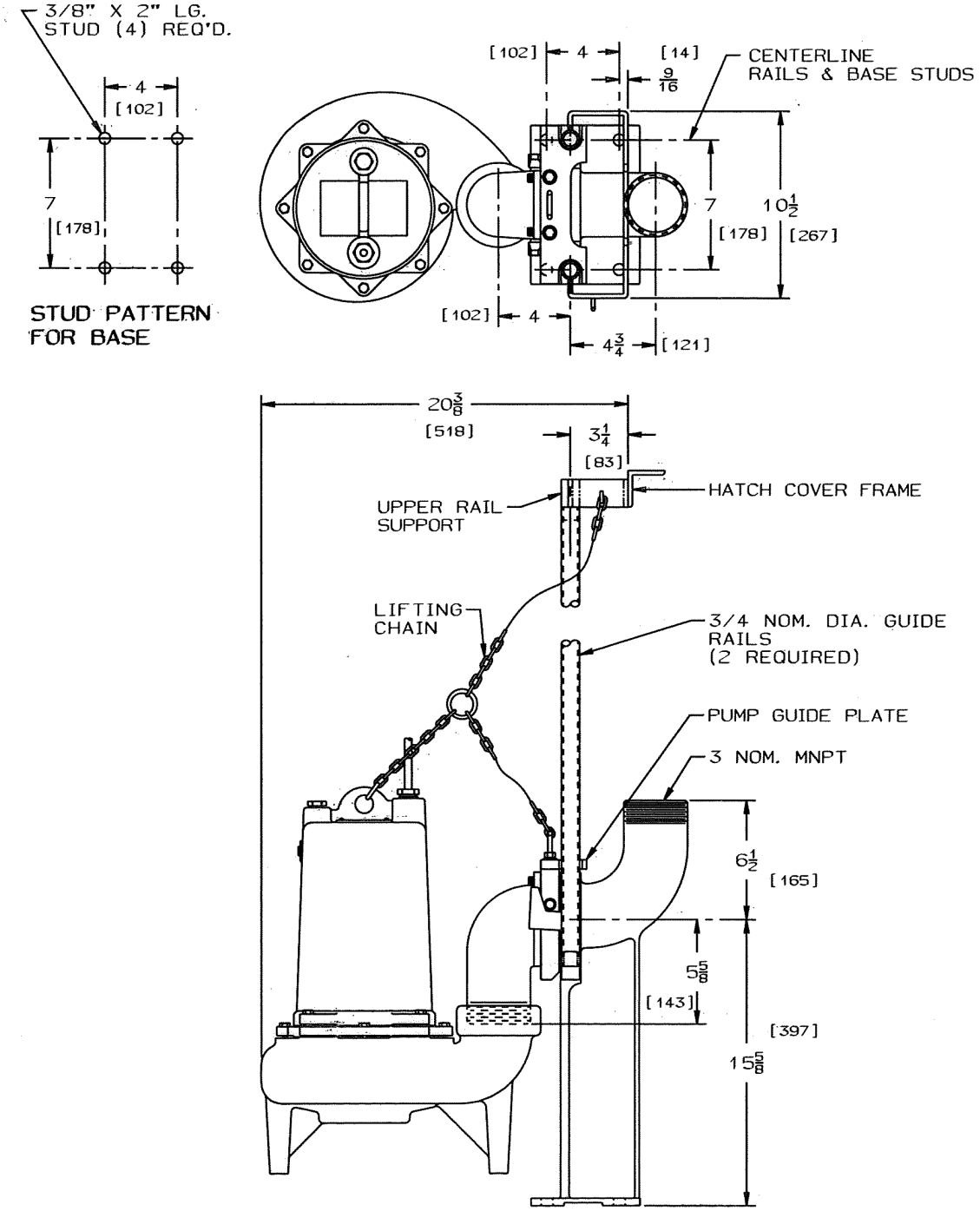
MYERS®

Typical Installation

3MW – 1750 RPM

1–3 HP Submersible Solids Handling
3" Discharge Wastewater Pump

Slide Rail Dimensions
(SRA-300 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

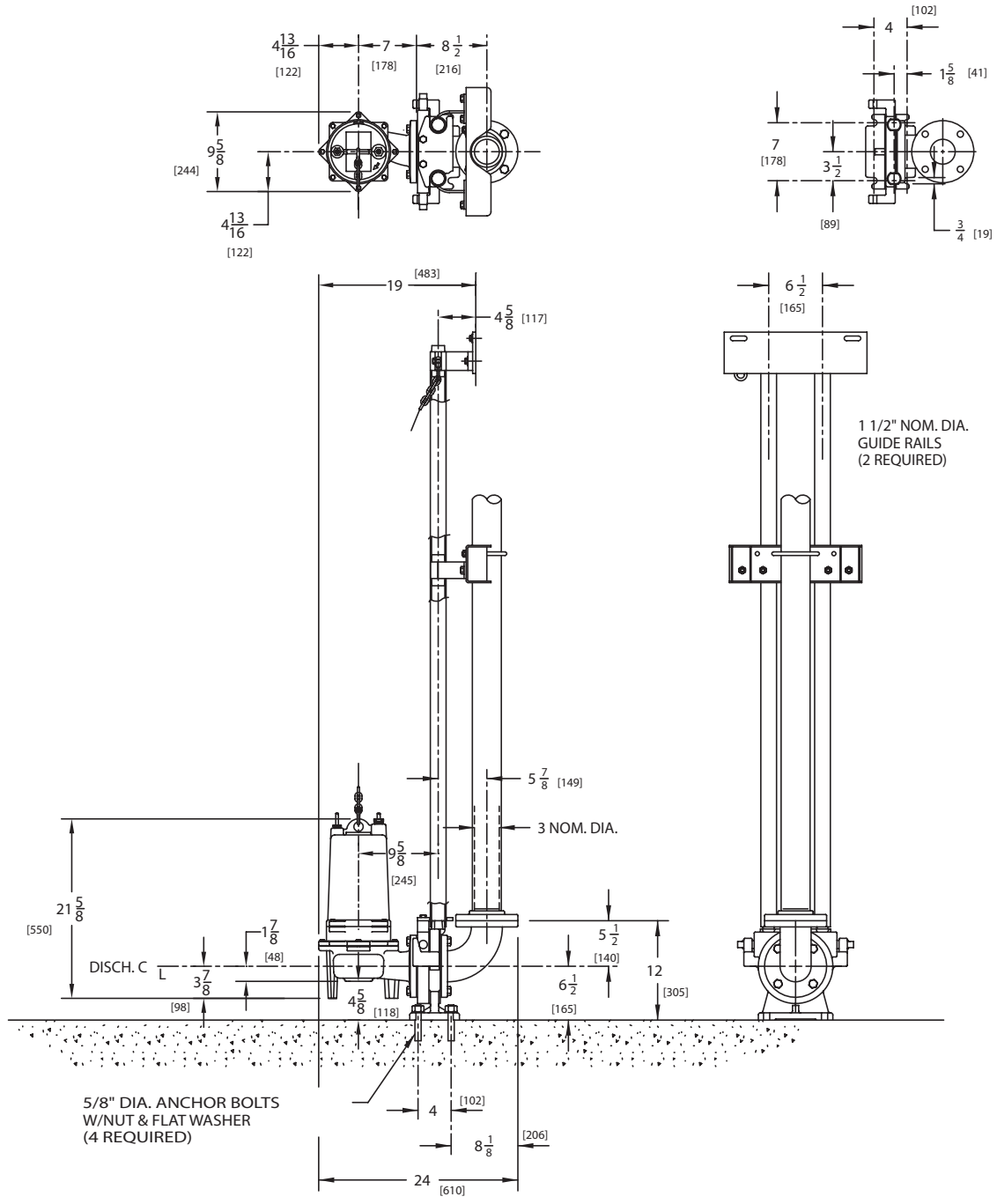
MYERS®

Typical Installation

3RMW – 3450 RPM

3" Submersible Solids Handling Pump

Slide Rail Dimensions (SRA-3030 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

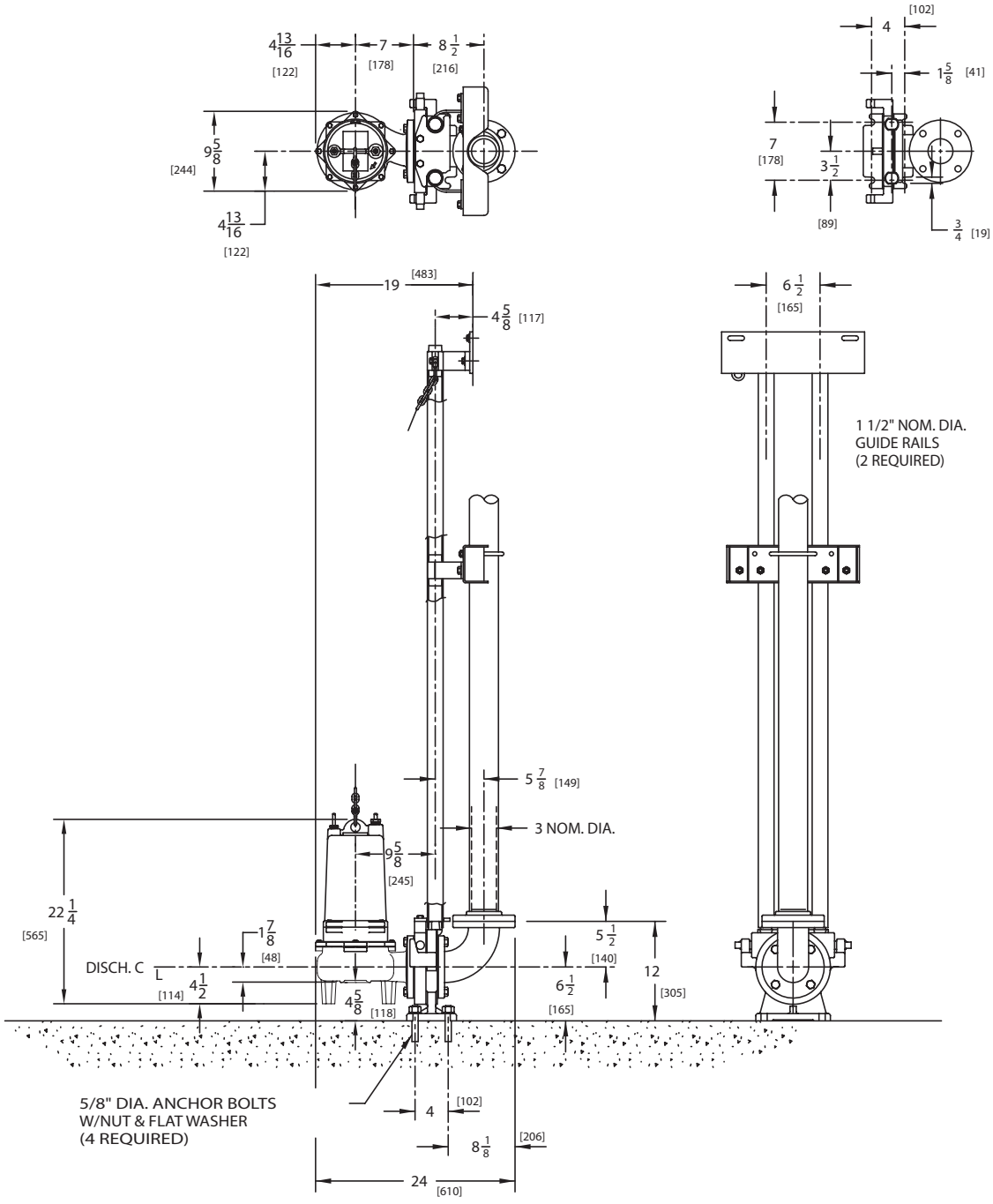
MYERS®

Typical Installation

3RMW – 1750 RPM

3" Submersible Solids Handling Pump

Slide Rail Dimensions (SRA-3030 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

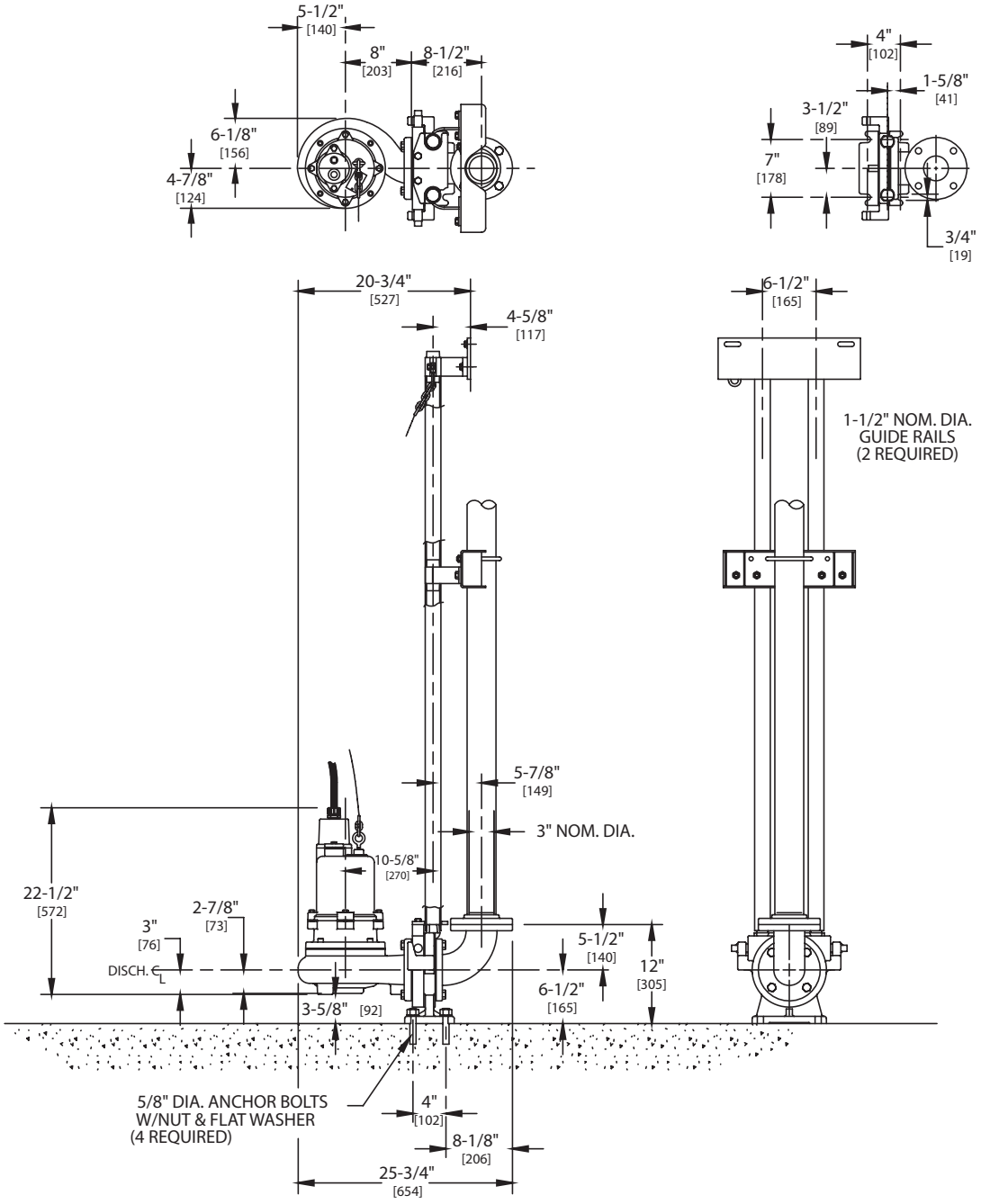
MYERS®

Typical Installation

3WHV

3" Submersible Solids Handling Wastewater Pump – Standard (3WHV)

Slide Rail Dimensions (SRA-3030 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

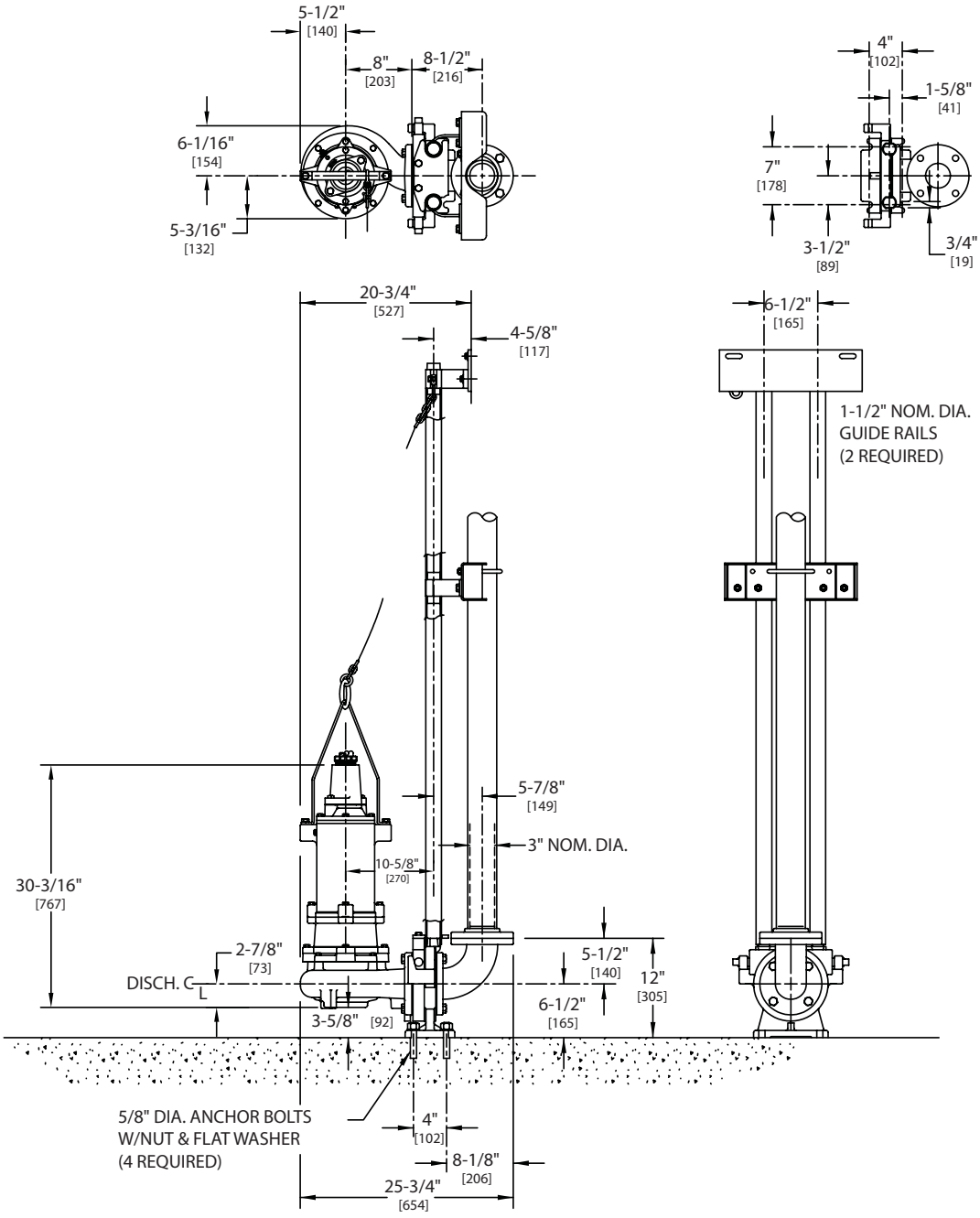
MYERS®

Typical Installation

3V and 3VX

3" Submersible Solids Handling Wastewater Pump
Standard (3V) and Hazardous Location (3VX)

Slide Rail Dimensions
(SRA/SRAX-3030 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

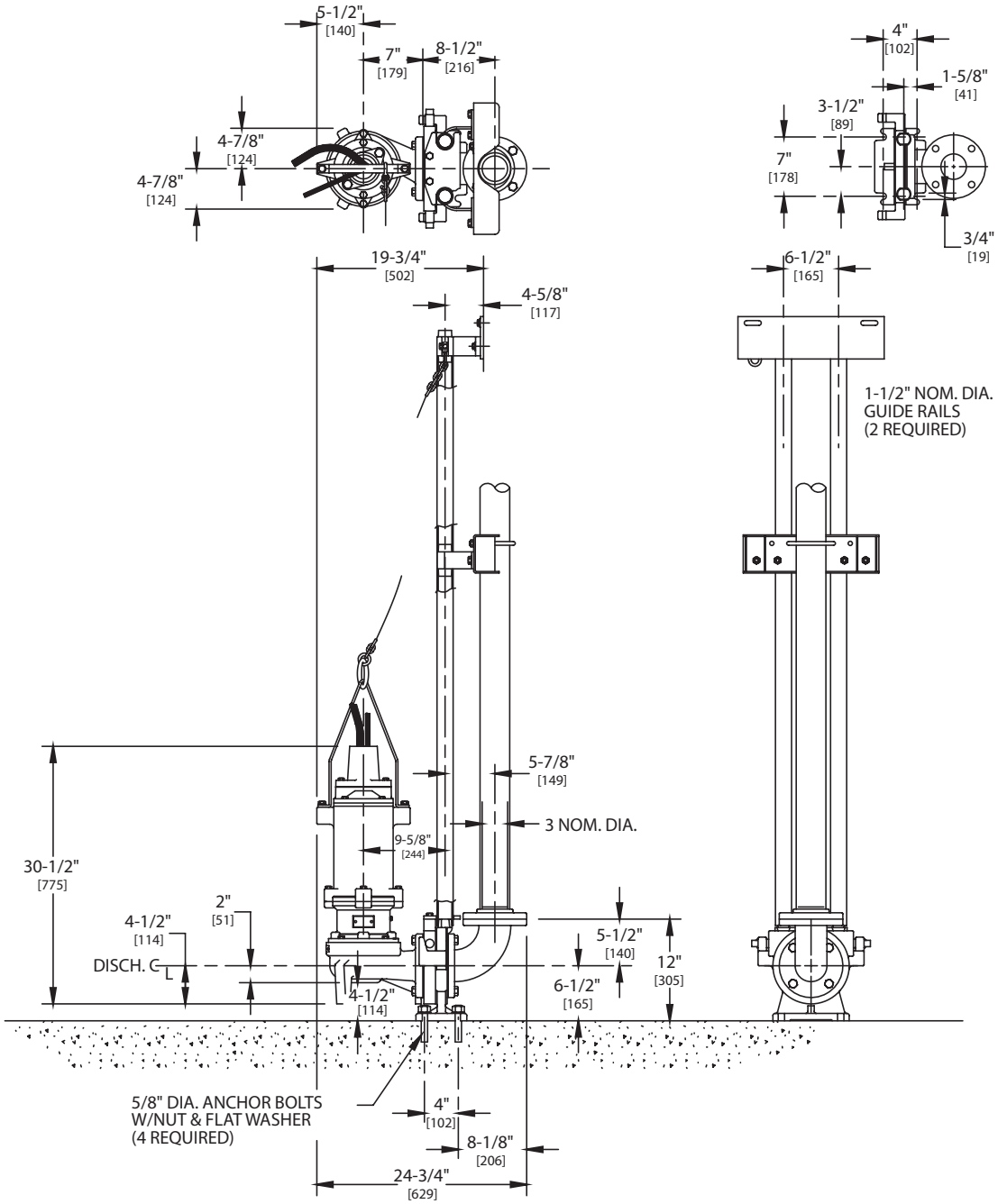
MYERS®

Typical Installation

3RH and 3RHX

3" Submersible Solids Handling Wastewater Pump
Standard (3RH) and Hazardous Location (3RHX)

Slide Rail Dimensions
(SRA/SRAX-3030 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

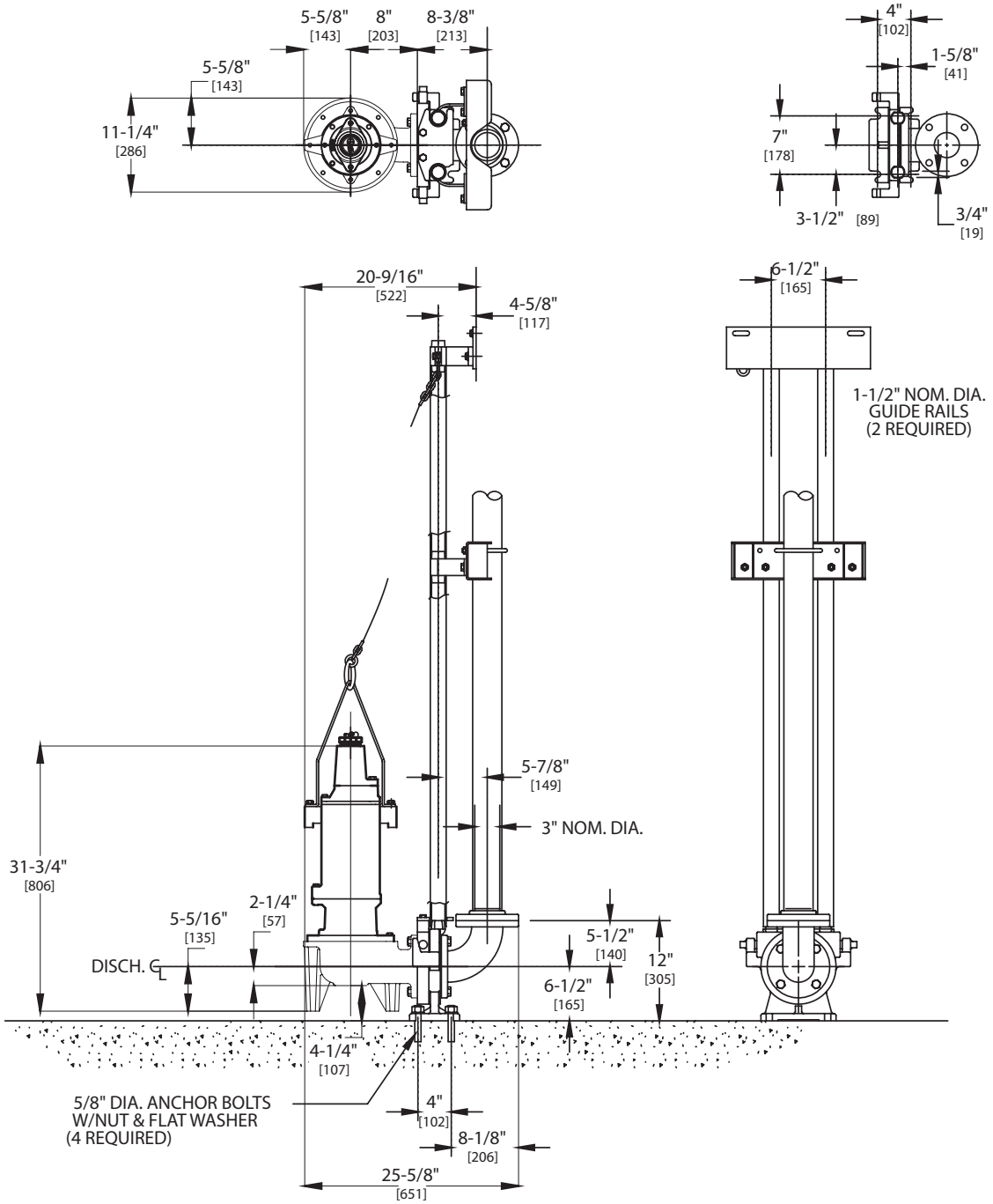
MYERS®

Typical Installation

3R and 3RX

3" Submersible Solids Handling Wastewater Pump
Standard (3R) and Hazardous Location (3RX)

Slide Rail Dimensions
(SRA/SRAX-3030 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

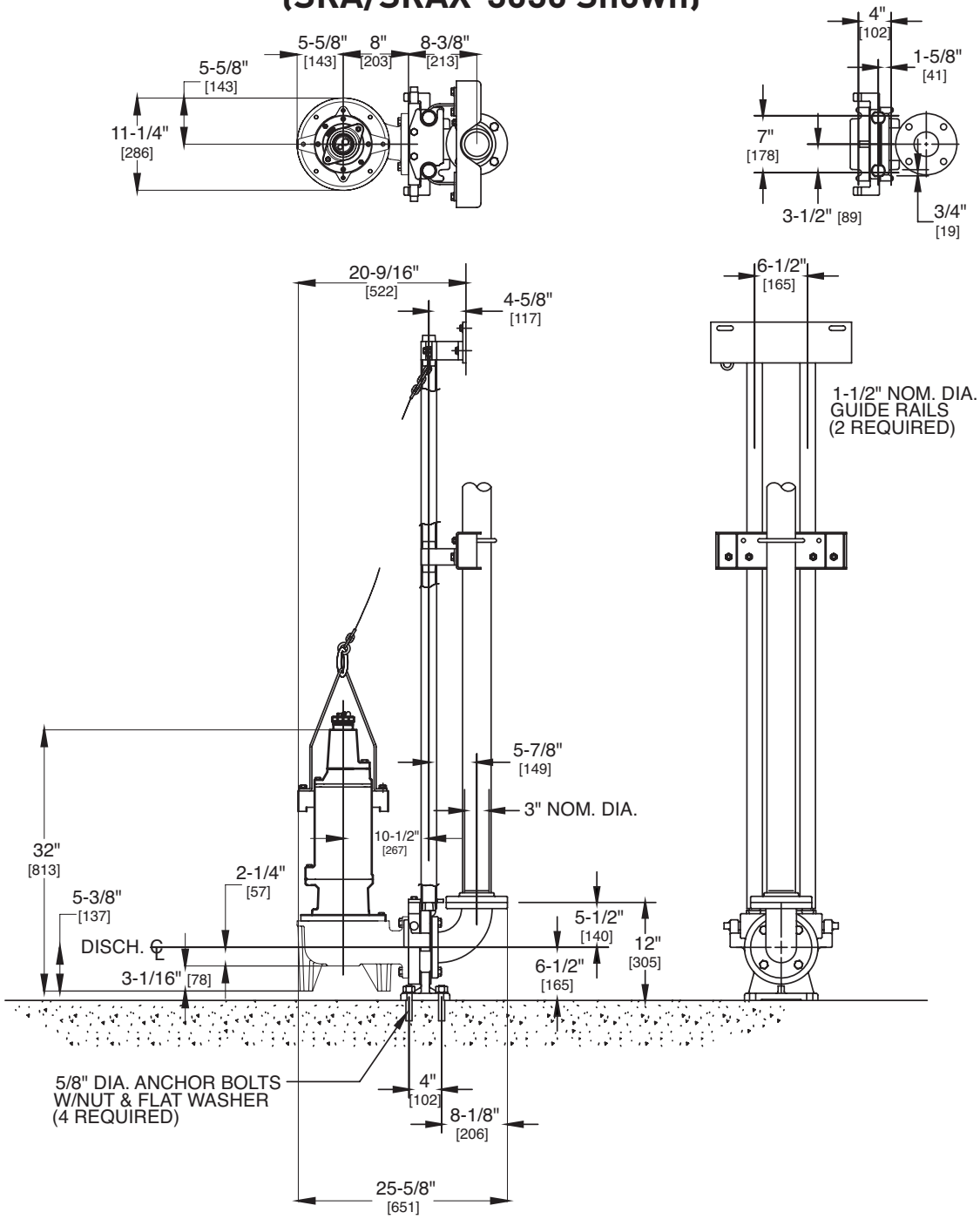
MYERS®

Typical Installation

3R and 3RX

3" Submersible Solids Handling Wastewater Pump
Standard (3R) and Hazardous Location (3RX)

Slide Rail Dimensions
(SRA/SRAX-3030 Shown)



Note: Metric Dimensions Shown [mm]

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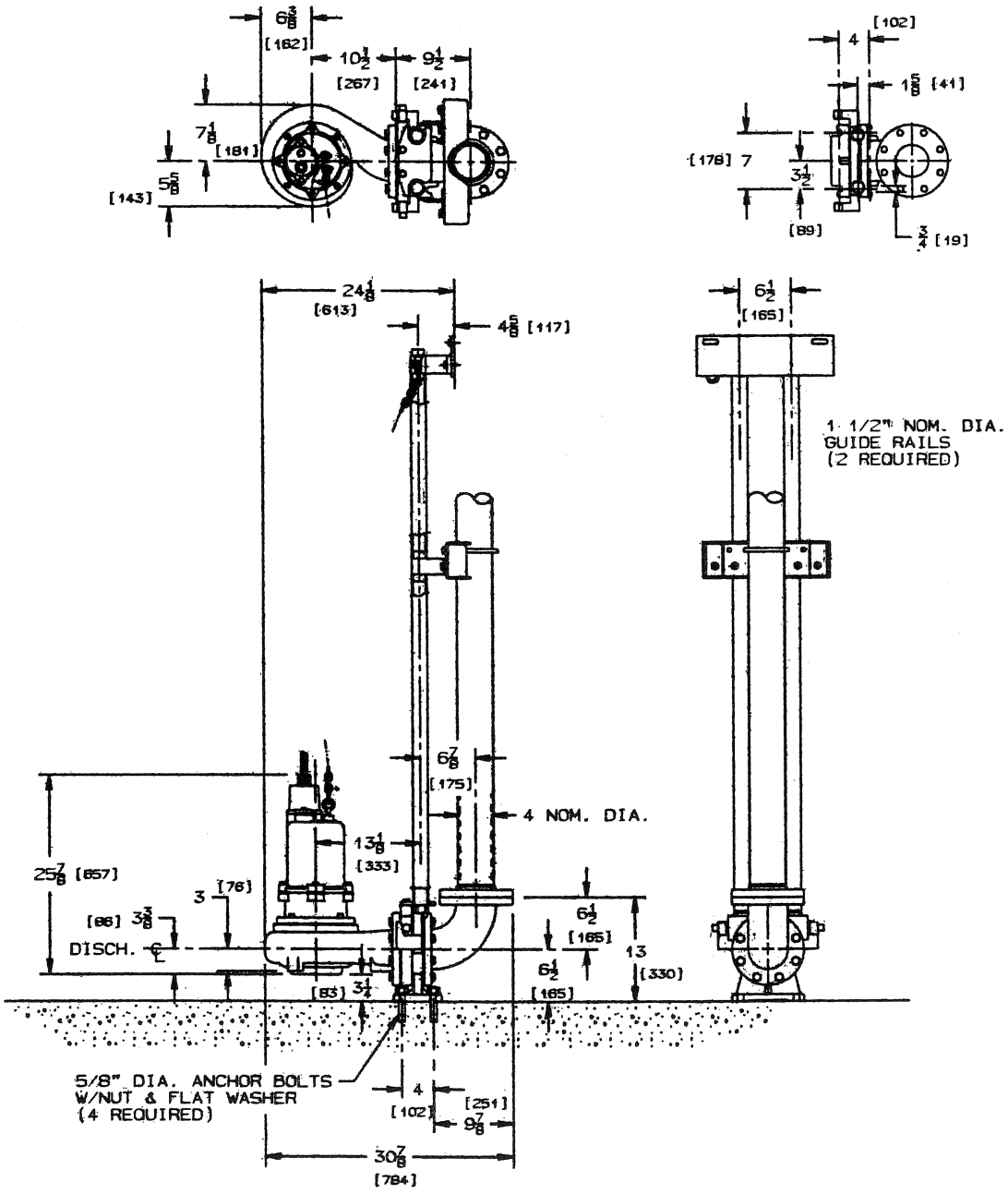
MYERS®

Typical Installation

4WHV

4" Submersible Solids Handling Wastewater Pump Standard (4WHV)

Slide Rail Dimensions (SRA-4040 Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

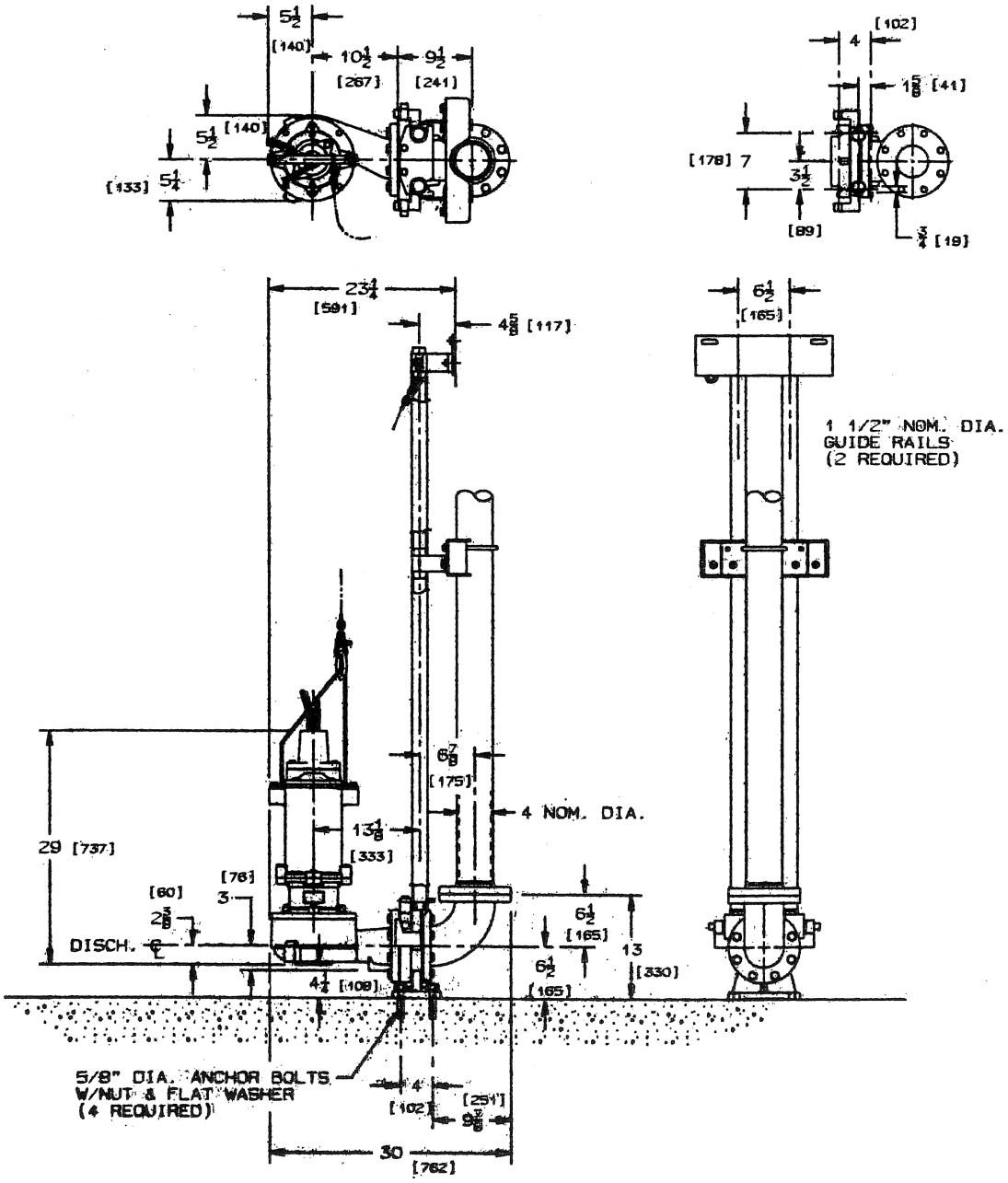
MYERS®

Typical Installation

4R and 4RX

4" Submersible Solids Handling Wastewater Pump
Standard (4R) and Hazardous Location (4RX)

Slide Rail Dimensions
(SRA/SRAX-4040 Shown)



Note: Metric Dimensions Shown [mm]

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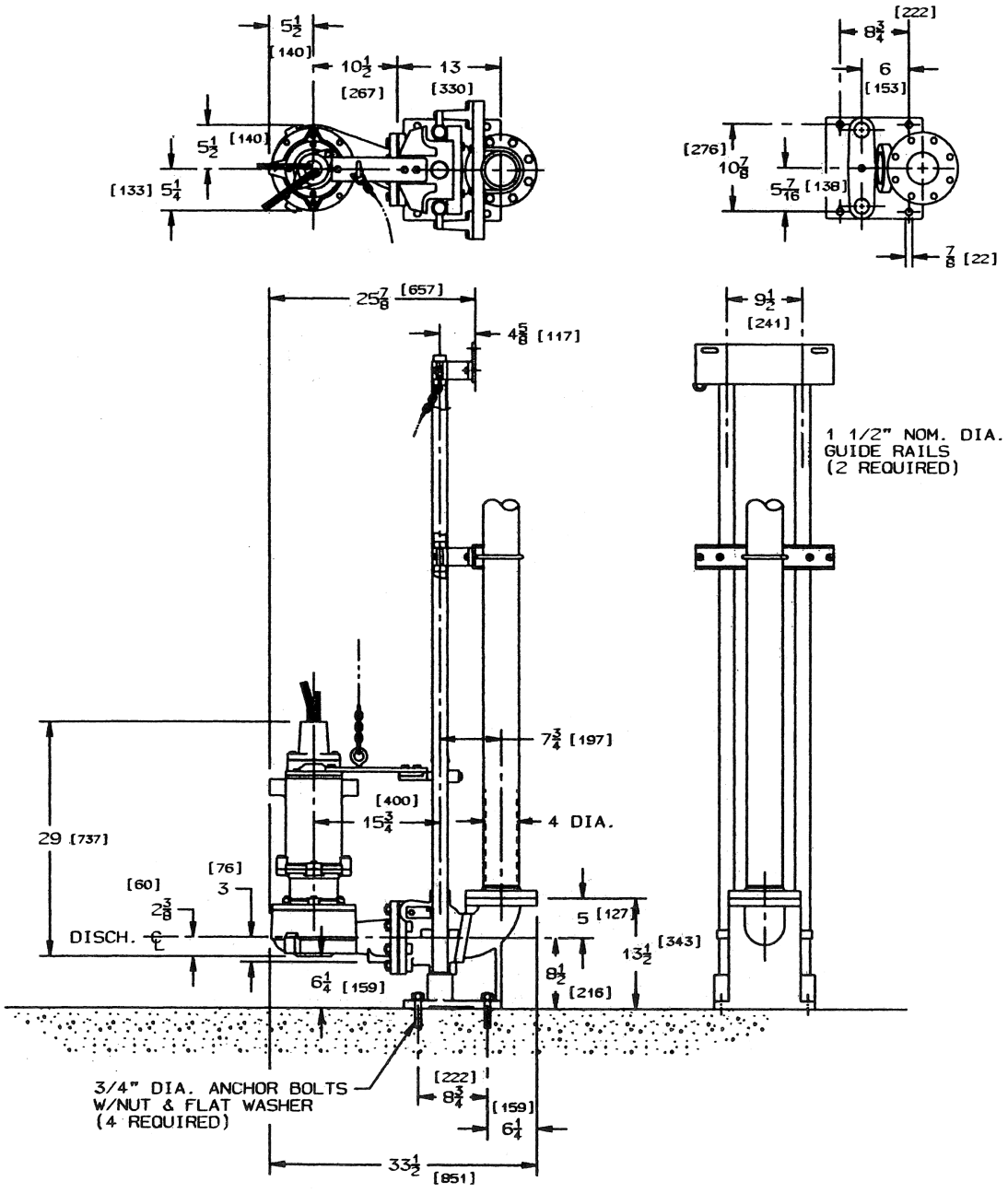
MYERS®

Typical Installation

4R and 4RX

4" Submersible Solids Handling Wastewater Pump
Standard (4R) and Hazardous Location (4RX)

Slide Rail Dimensions
(SRA/SRAX-400VR-1 Shown)



Note: Metric Dimensions Shown [mm]

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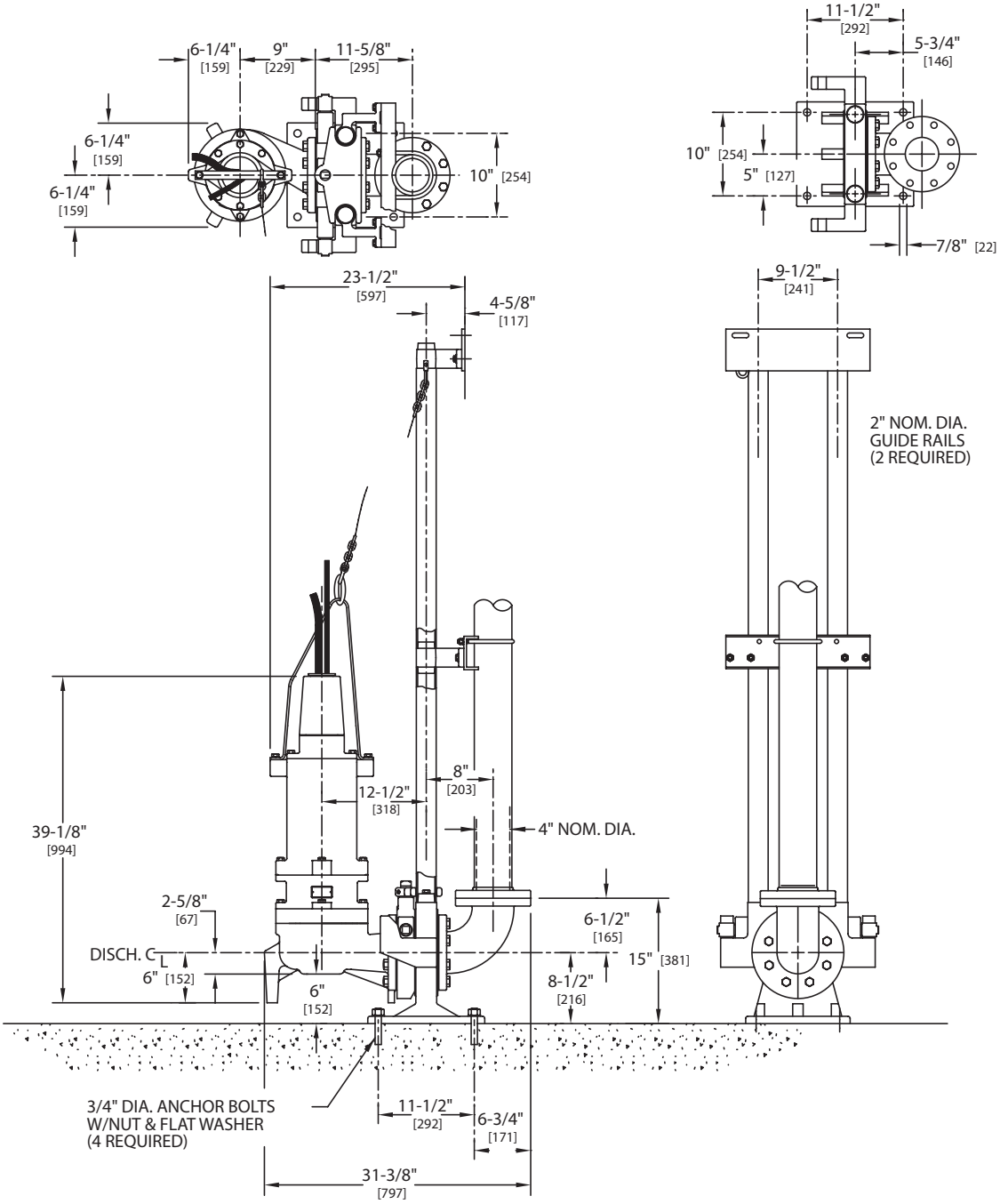
MYERS®

Typical Installation

4RH and 4RHX – 3450 RPM

4" Submersible Solids Handling Wastewater Pump
Standard (4RH) and Hazardous Location (4RHX)

Slide Rail Dimensions
(SRA/SRAX-44HH Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

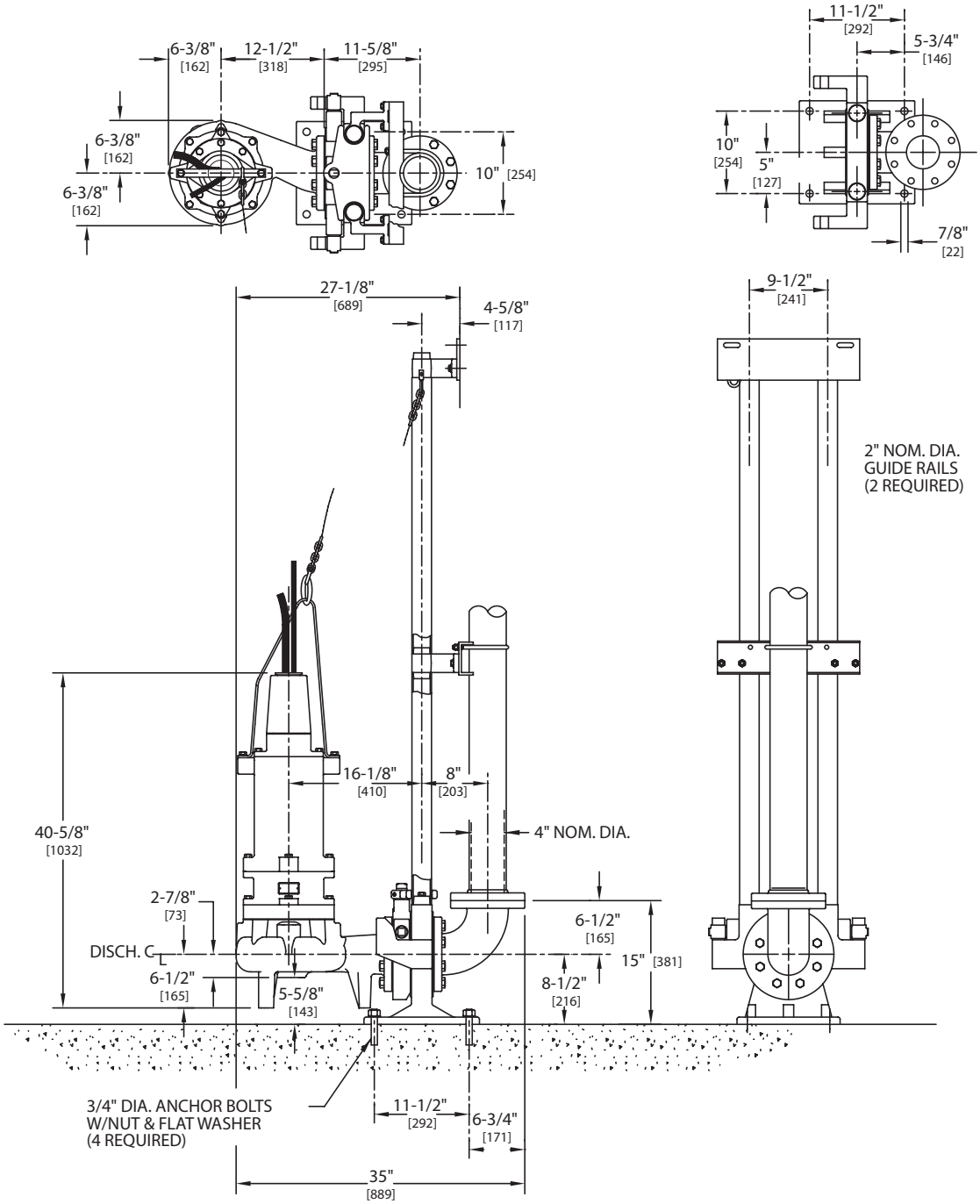
MYERS®

Typical Installation

4RH and 4RHX – 1750 and 1150 RPM

4" Submersible Solids Handling Wastewater Pump
Standard (4RH) and Hazardous Location (4RHX)

Slide Rail Dimensions
(SRA/SRAX-44HH Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

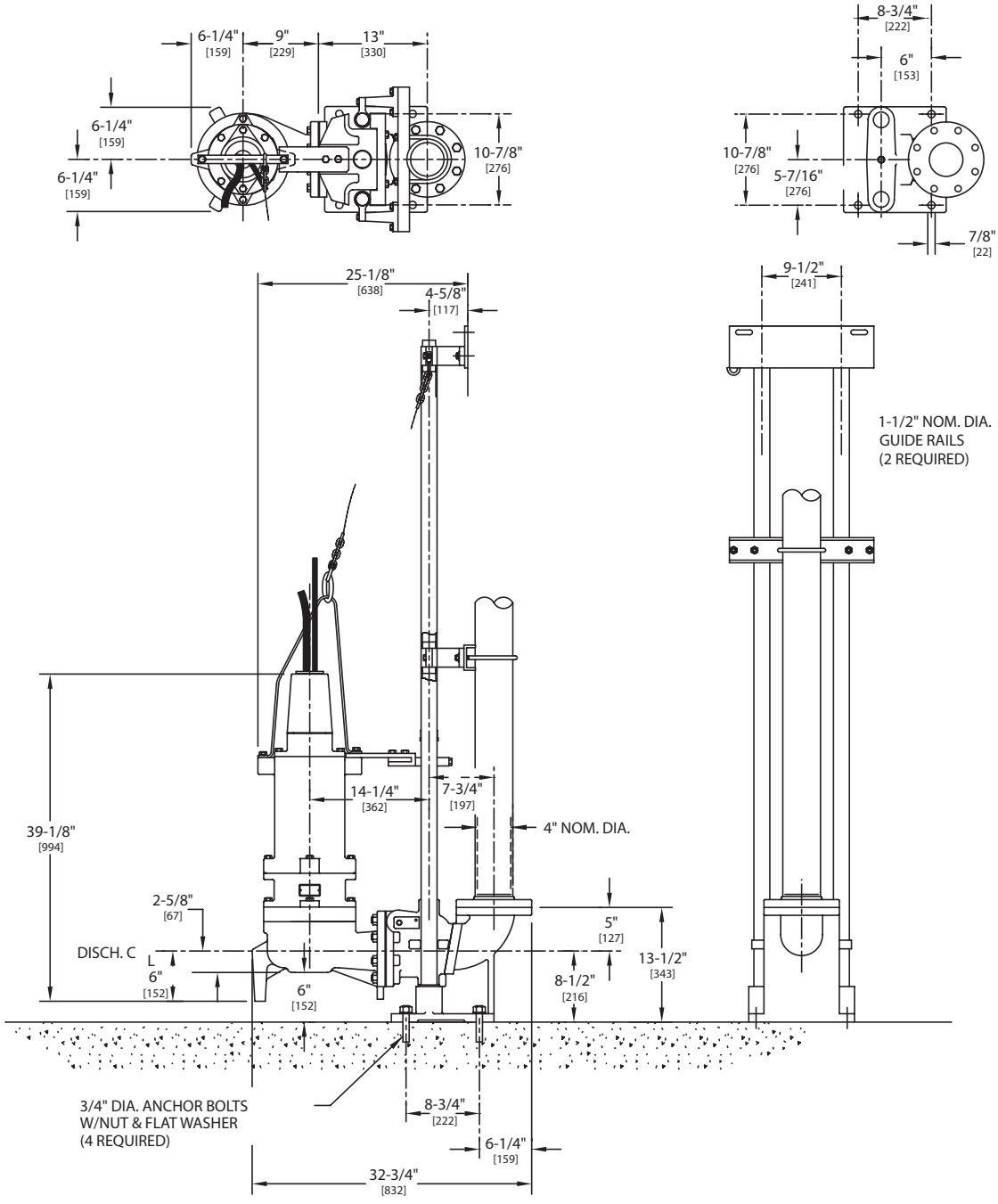
MYERS®

Typical Installation

4RH and 4RHX – 3450 RPM

4" Submersible Solids Handling Wastewater Pump
Standard (4RH) and Hazardous Location (4RHX)

Slide Rail Dimensions
(SRA/SRAX-400RH-1 Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

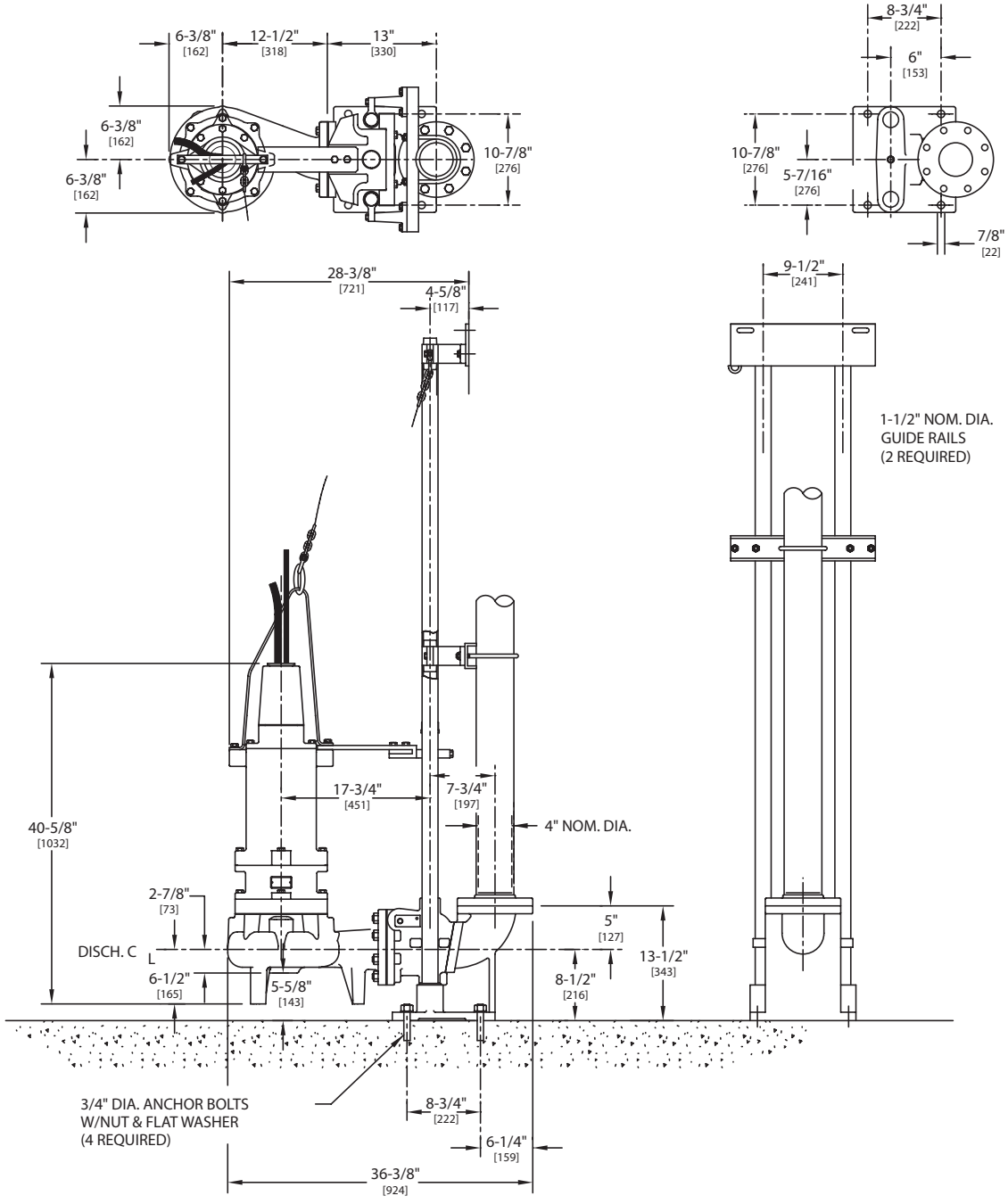
MYERS®

Typical Installation

4RH and 4RHX – 1750 and 1150 RPM

4" Submersible Solids Handling Wastewater Pump
Standard (4RH) and Hazardous Location (4RHX)

Slide Rail Dimensions
(SRA/SRAX-400RH-1 Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

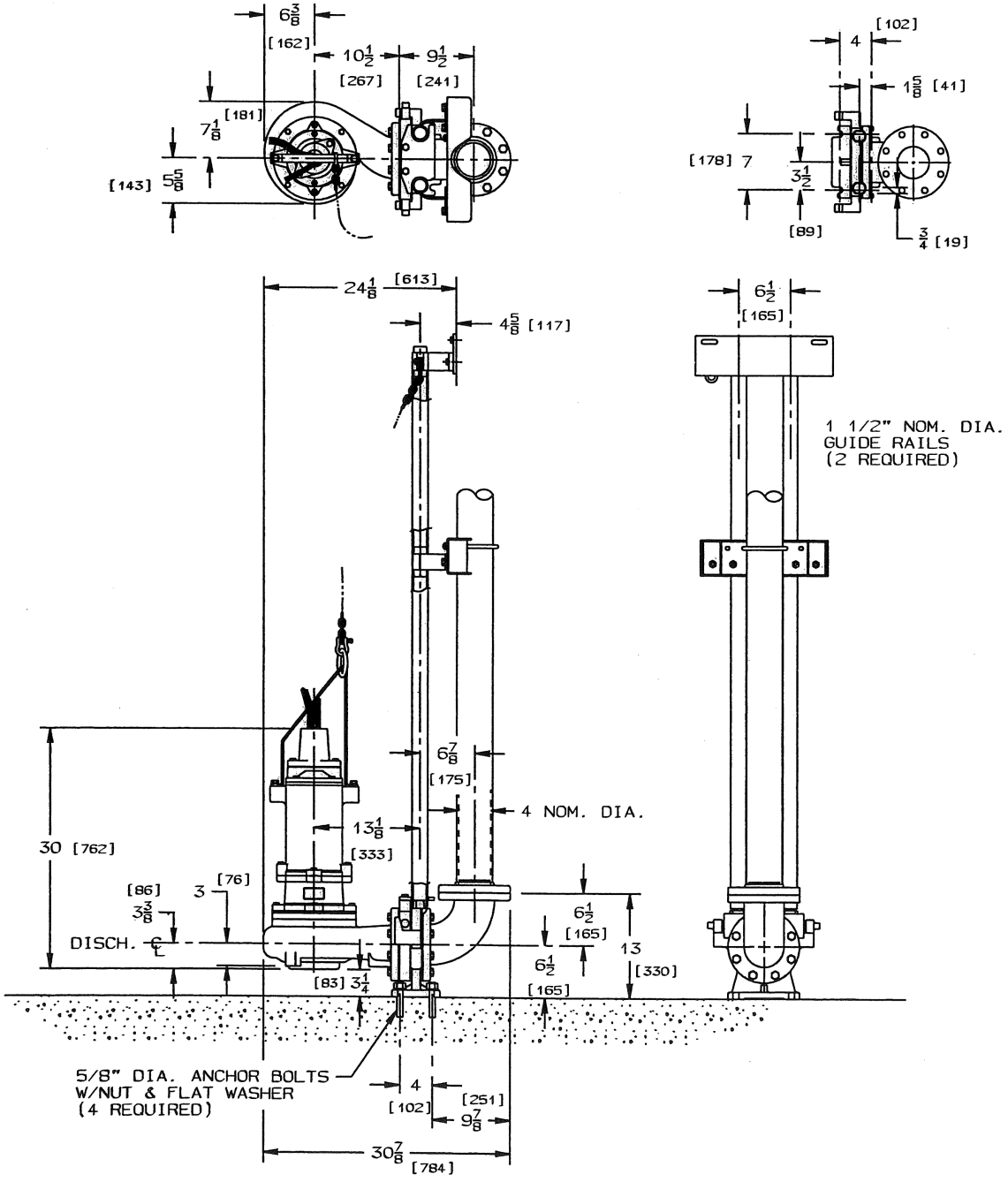
MYERS®

Typical Installation

4V and 4VX

4" Submersible Solids Handling Wastewater Pump
Standard (4V) and Hazardous Location (4VX)

Slide Rail Dimensions
(SRA/SRAX-4040 Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

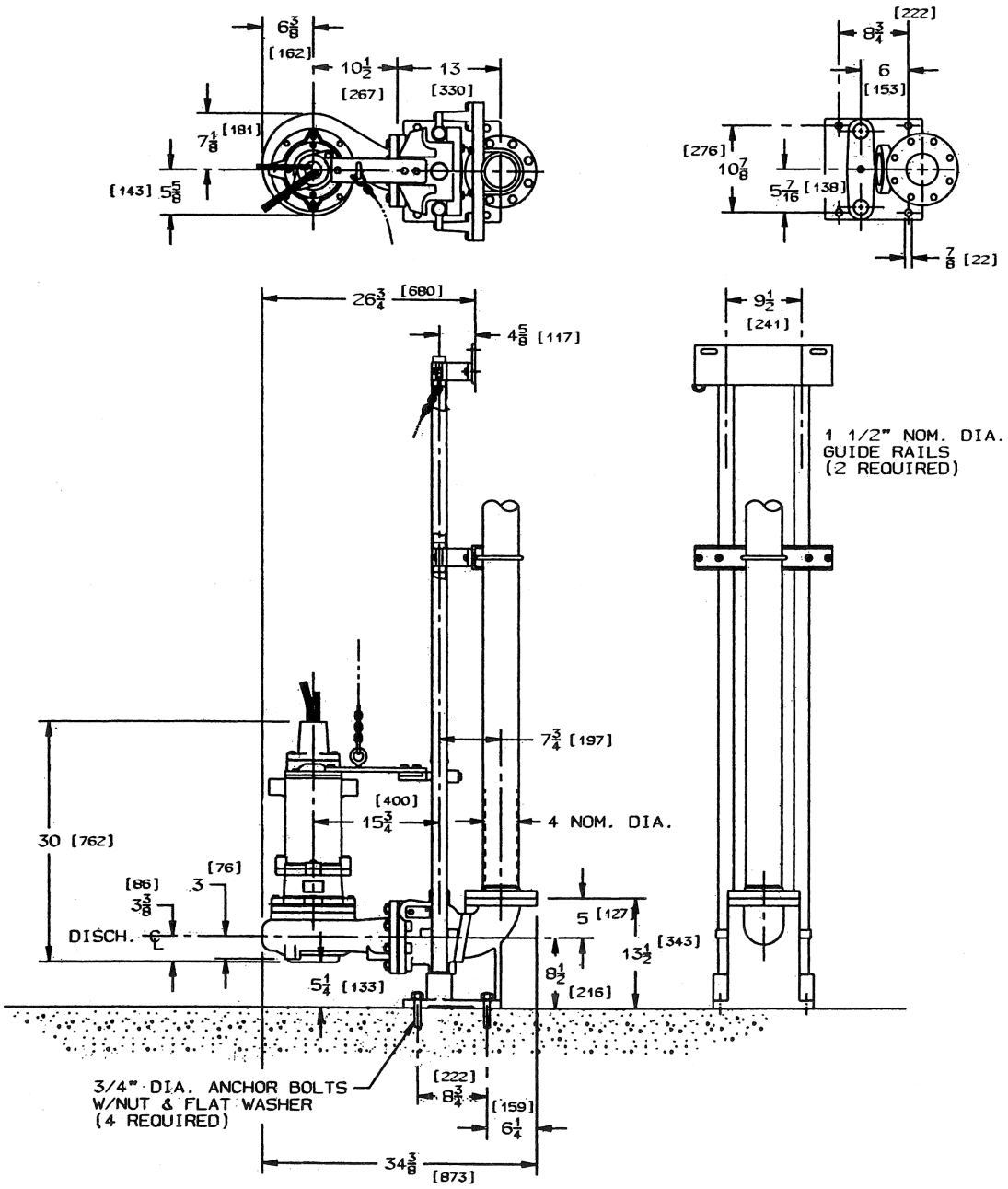
MYERS®

Typical Installation

4V and 4VX

4" Submersible Solids Handling Wastewater Pump
Standard (4V) and Hazardous Location (4VX)

Slide Rail Dimensions
(SRA/SRAX-400VR-1 Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

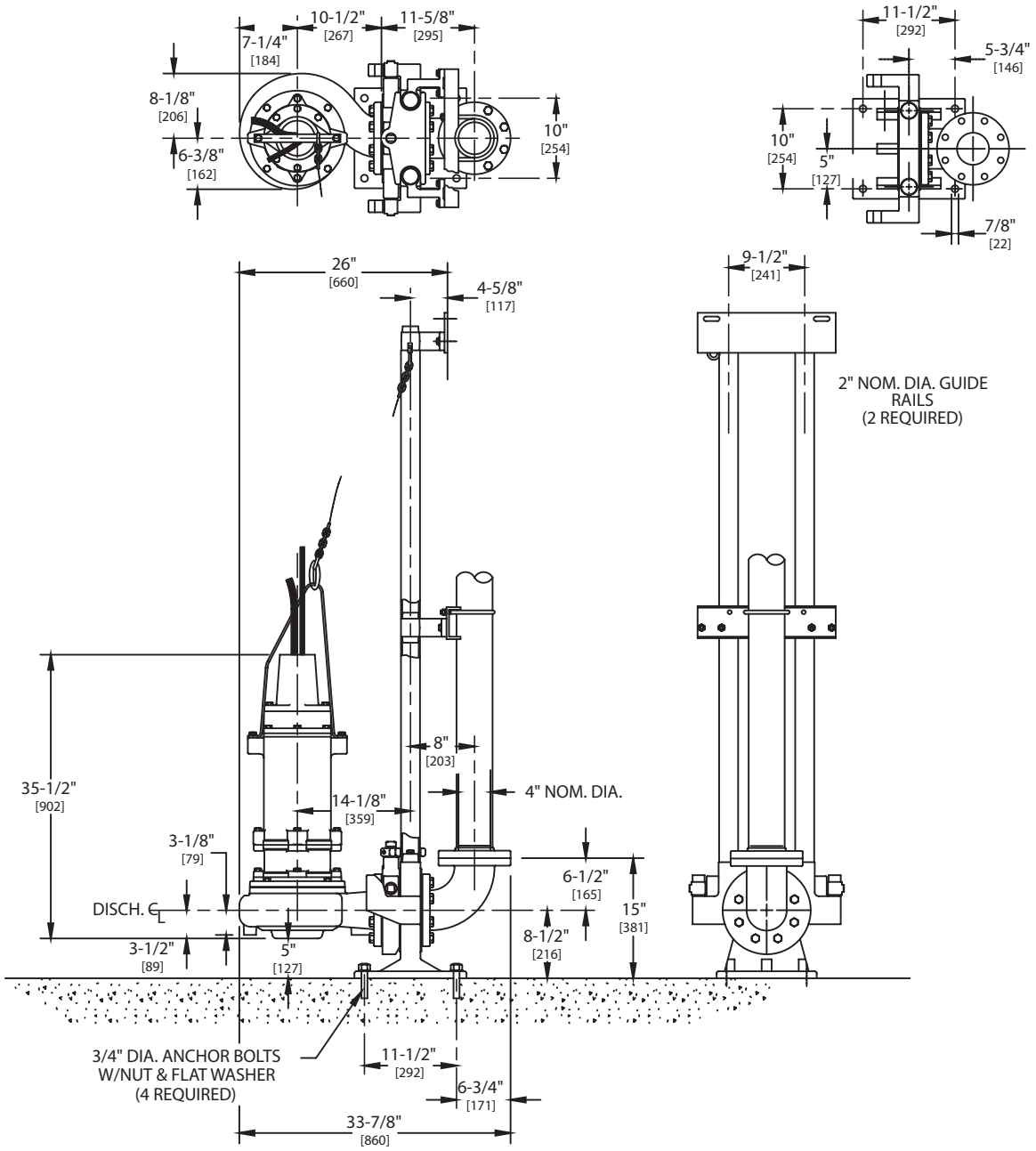
MYERS®

Typical Installation

4VH and 4VHX

4" Submersible Solids Handling Wastewater Pump
Standard (4VH) and Hazardous Location (4VHX)

Slide Rail Dimensions
(SRA/SRAX-44HH Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

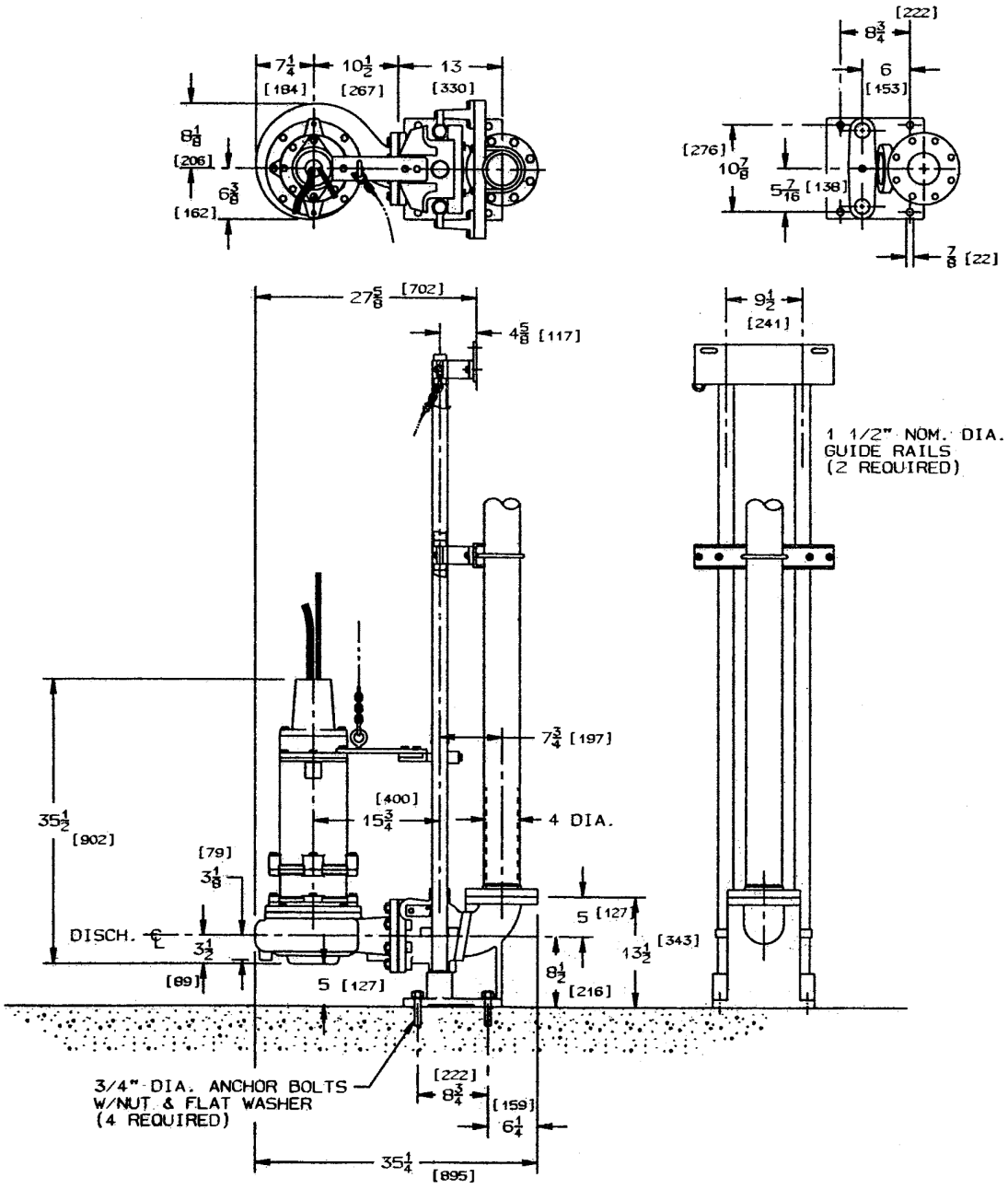
MYERS®

Typical Installation

4VH and 4VHX

4" Submersible Solids Handling Wastewater Pump
Standard (4VH) and Hazardous Location (4VHX)

Slide Rail Dimensions
(SRA/SRAX-400VH-1 Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

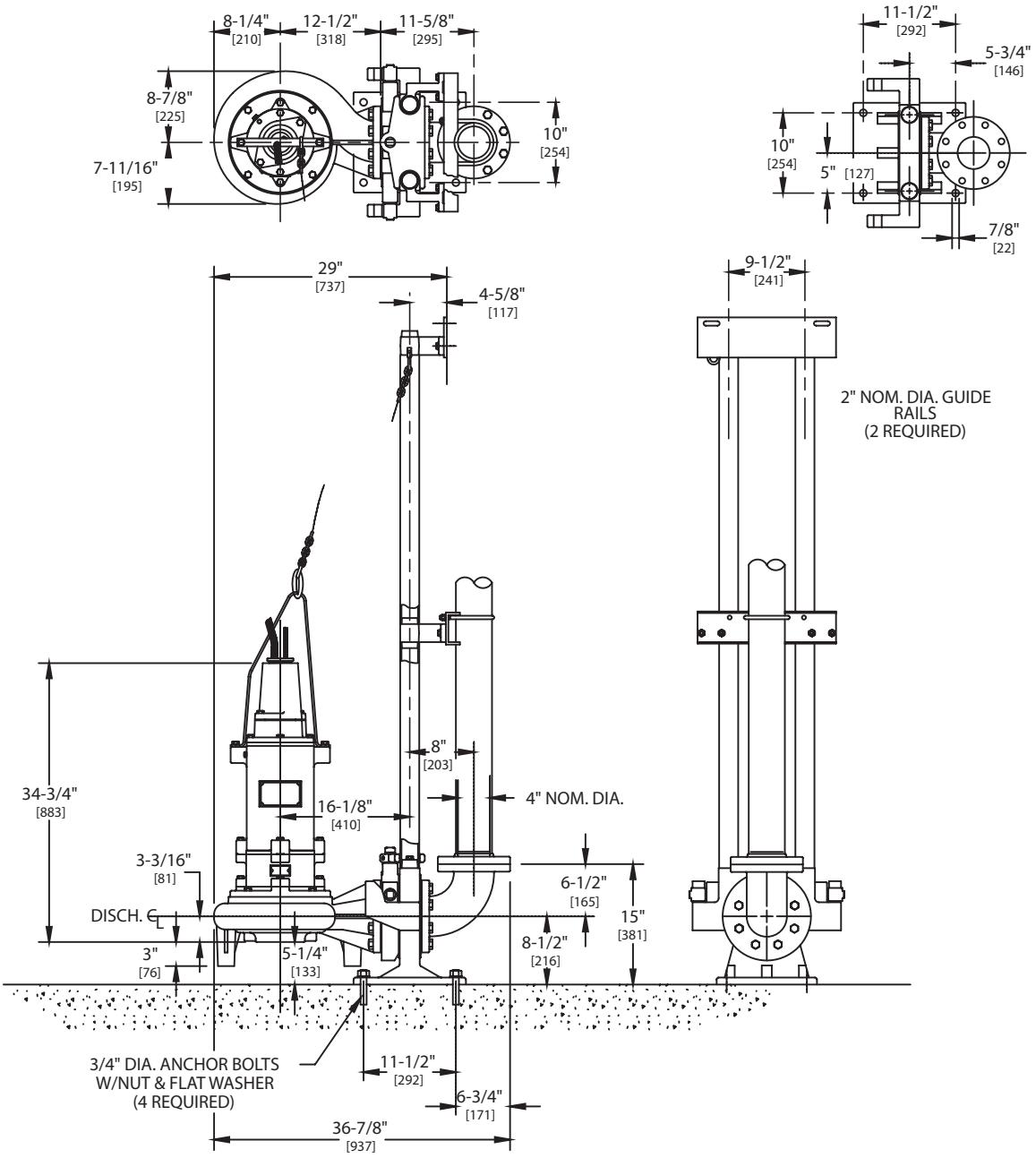
MYERS®

Typical Installation

4VHA and 4VHAX

4" Submersible Solids Handling Wastewater Pump
Standard (4VHA) and Hazardous Location (4VHAX)

Slide Rail Dimensions
(SRA/SRAX-44HH Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

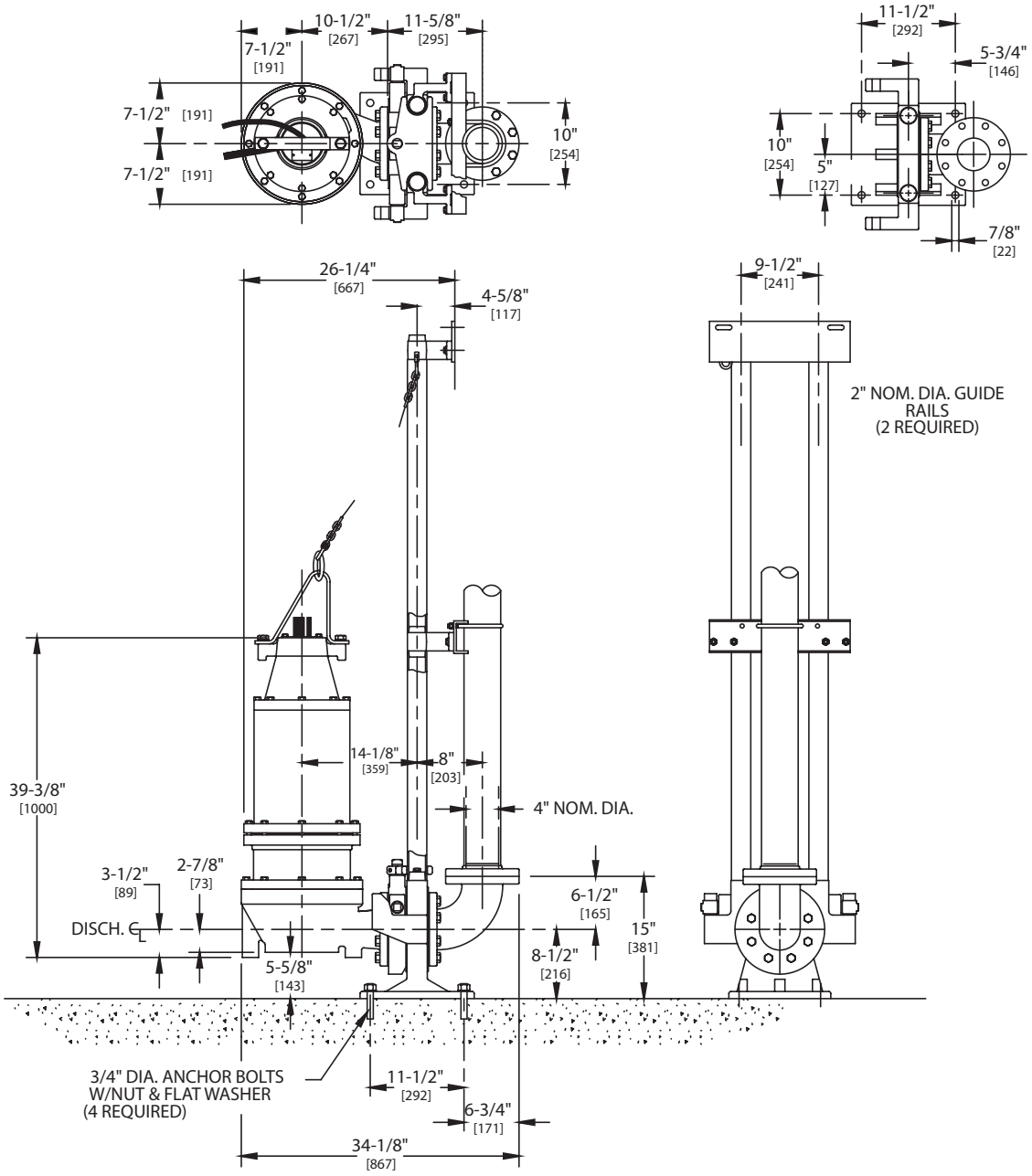
MYERS®

Typical Installation

4RC and 4RCX

4" Submersible Solids Handling Wastewater Pump
Standard (4RC) and Hazardous Location (4RCX)

Slide Rail Dimensions
(SRA/SRAX-44HH Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

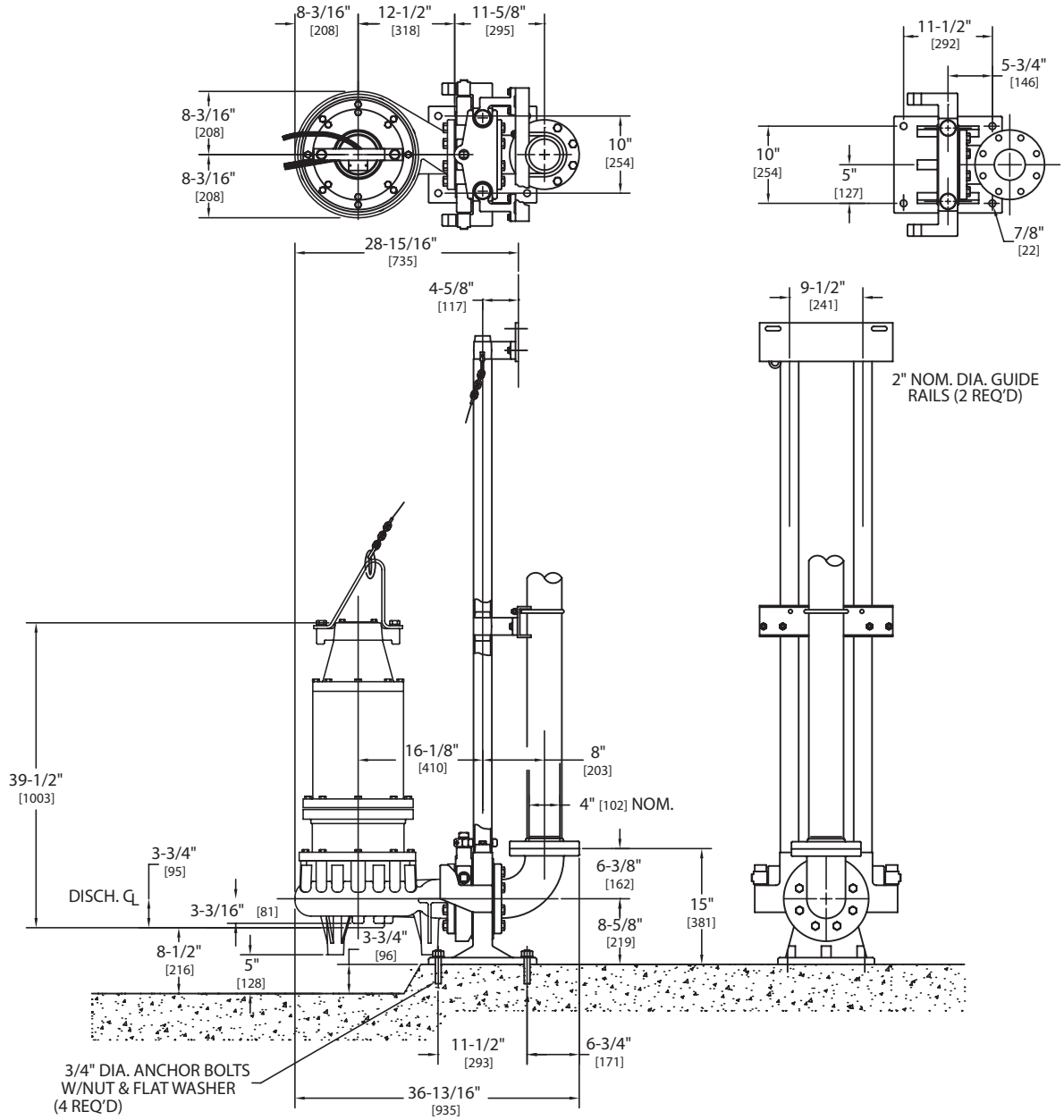
MYERS®

Typical Installation

4RC and 4RCX (1750 and 1150 RPM)

4" Submersible Solids Handling Wastewater Pump
Standard (4RC) and Hazardous Location (4RCX)

Slide Rail Dimensions
(SRA/SRAX-44HH Shown)



Note: Metric Dimensions Shown [mm]. Tolerance: ±1/8".

PENTAIR

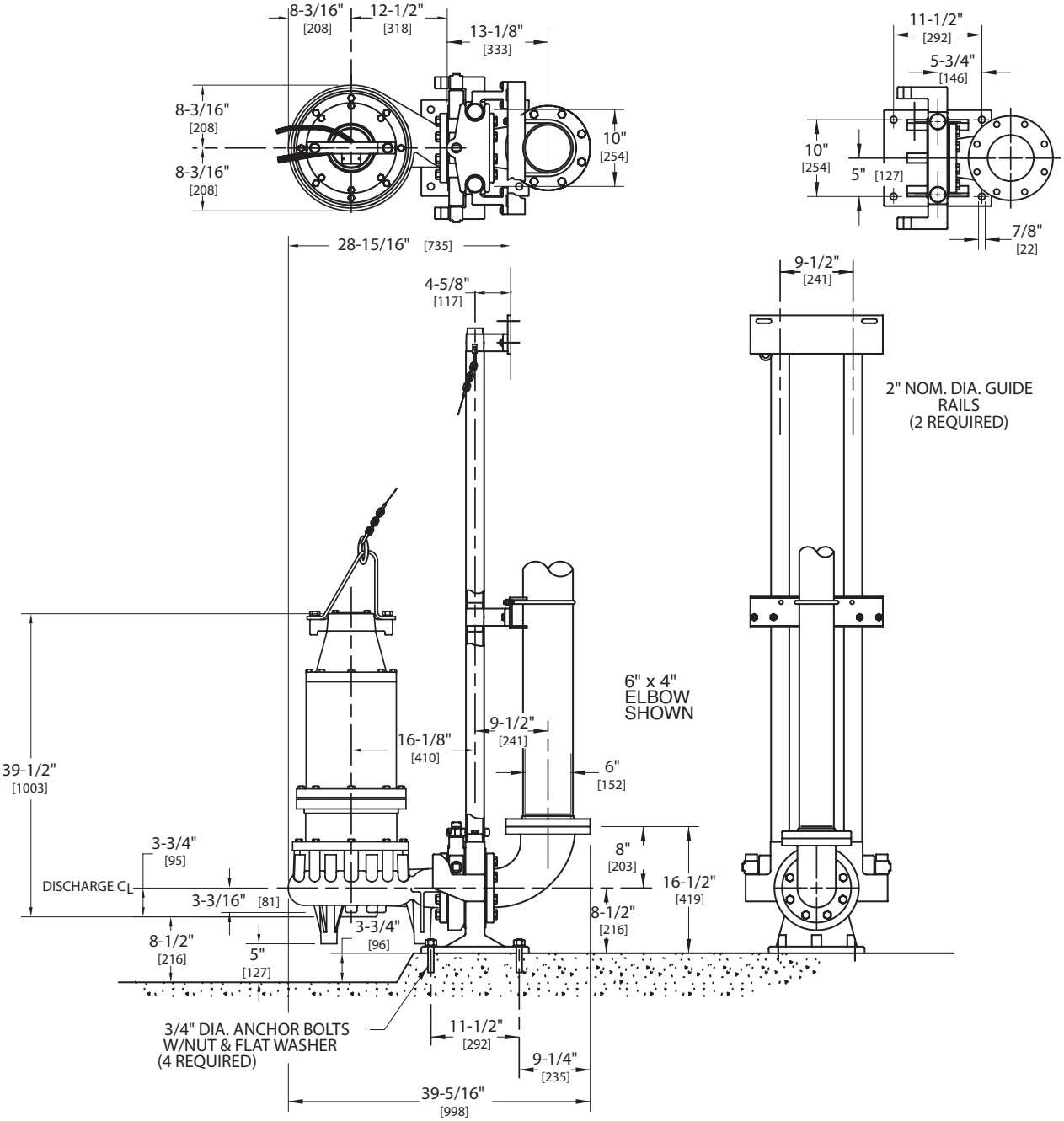
MYERS®

Typical Installation

4RC and 4RCX (1750 and 1150 RPM)

4" Submersible Solids Handling Wastewater Pump
Standard (4RC) and Hazardous Location (4RCX)

Slide Rail Dimensions
(SRA/SRAX-46HH Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

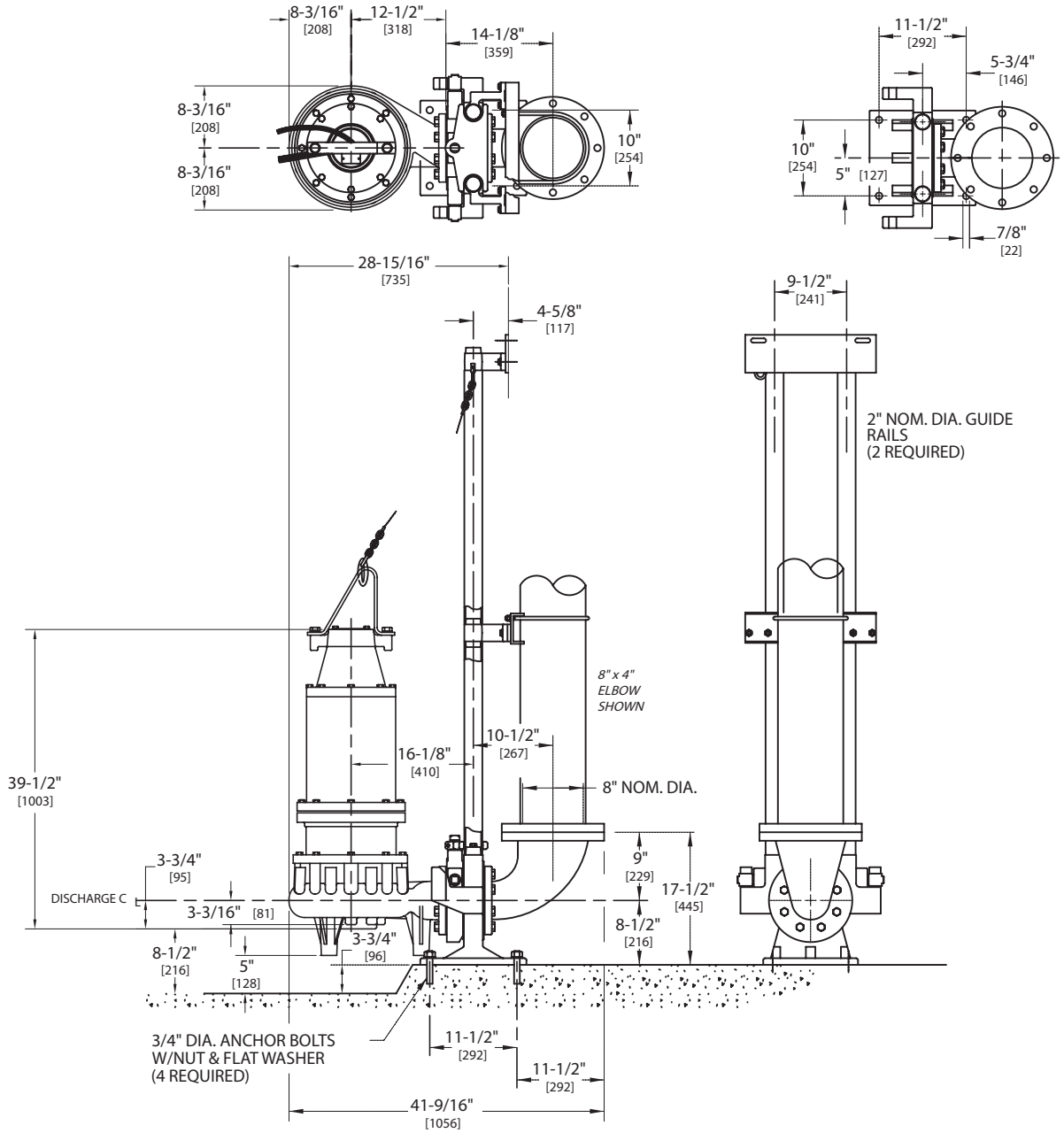
MYERS®

Typical Installation

4RC and 4RCX (1750 and 1150 RPM)

4" Submersible Solids Handling Wastewater Pump
Standard (4RC) and Hazardous Location (4RCX)

Slide Rail Dimensions
(SRA/SRAX-48HH Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

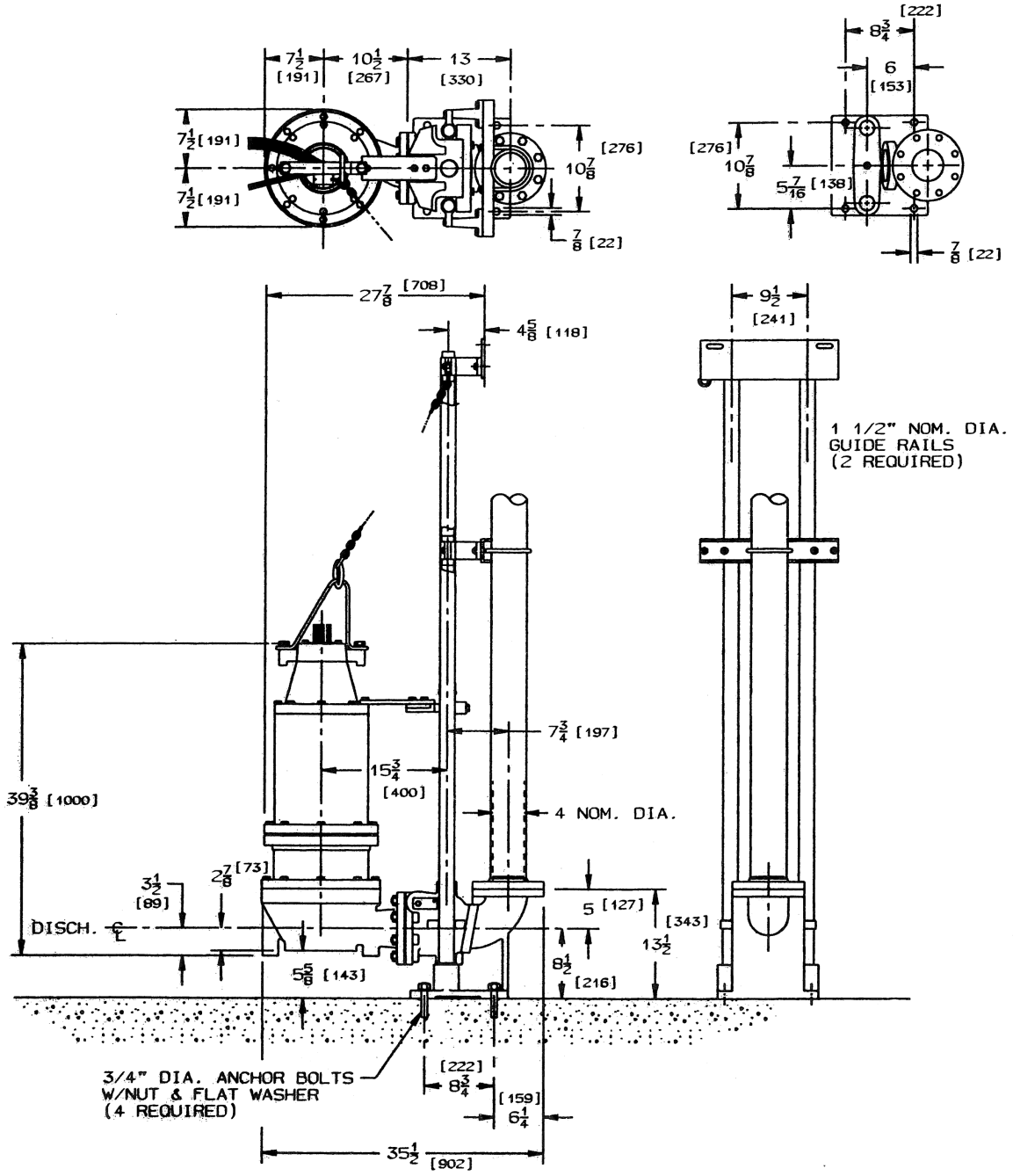
MYERS®

Typical Installation

4RC and 4RCX

4" Submersible Solids Handling Wastewater Pump Standard (4RC) and Hazardous Location (4RCX)

Slide Rail Dimensions (SRA/SRAX-400RC Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

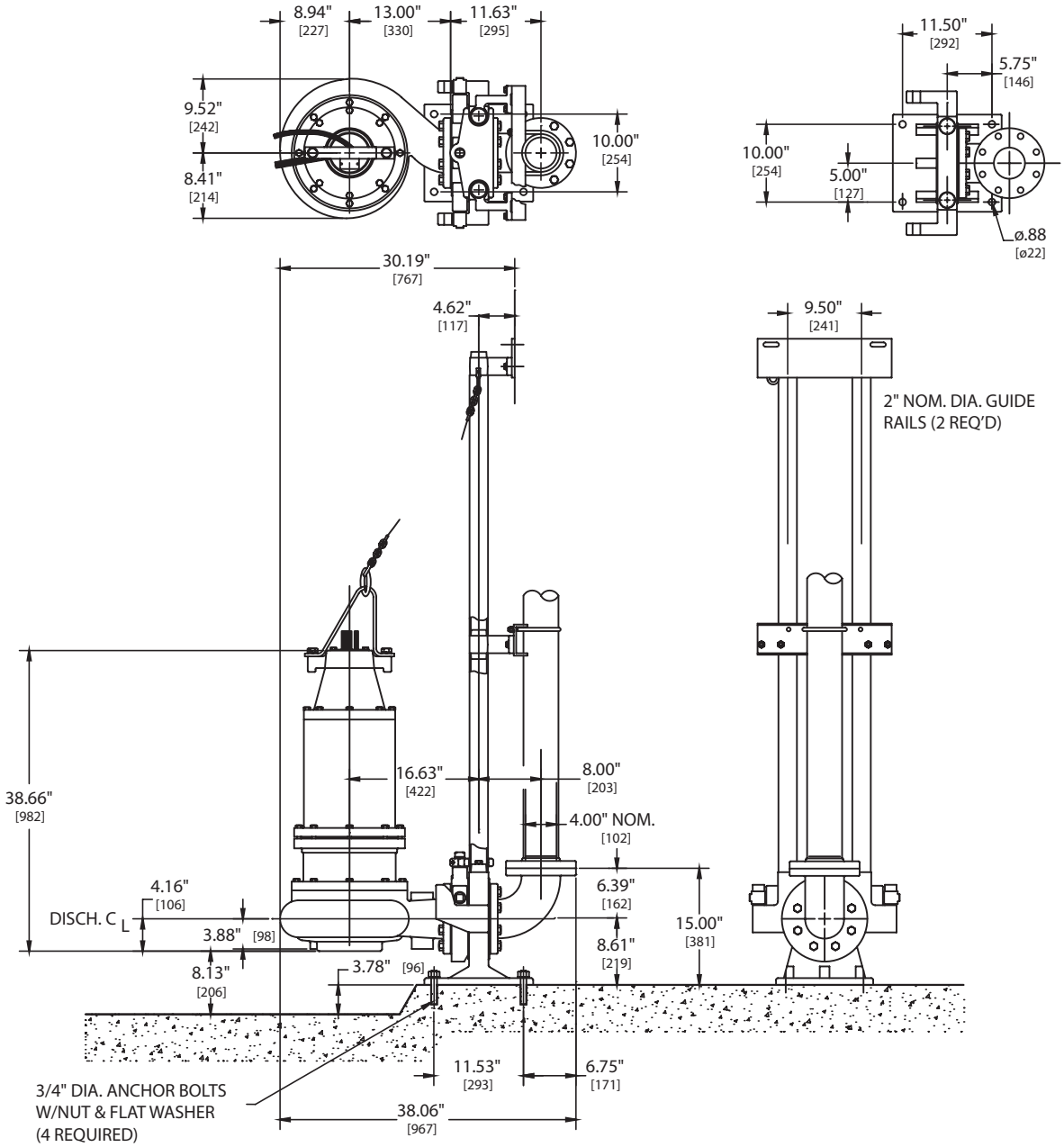
MYERS®

Typical Installation

4VC and 4VCX

4" Submersible Solids Handling Wastewater Pump
Standard (4VC) and Hazardous Location (4VCX)

Slide Rail Dimensions
(SRA/SRAX-44HH Shown)



Note: Metric Dimensions Shown [mm]. Tolerance: ±1/8"

PENTAIR

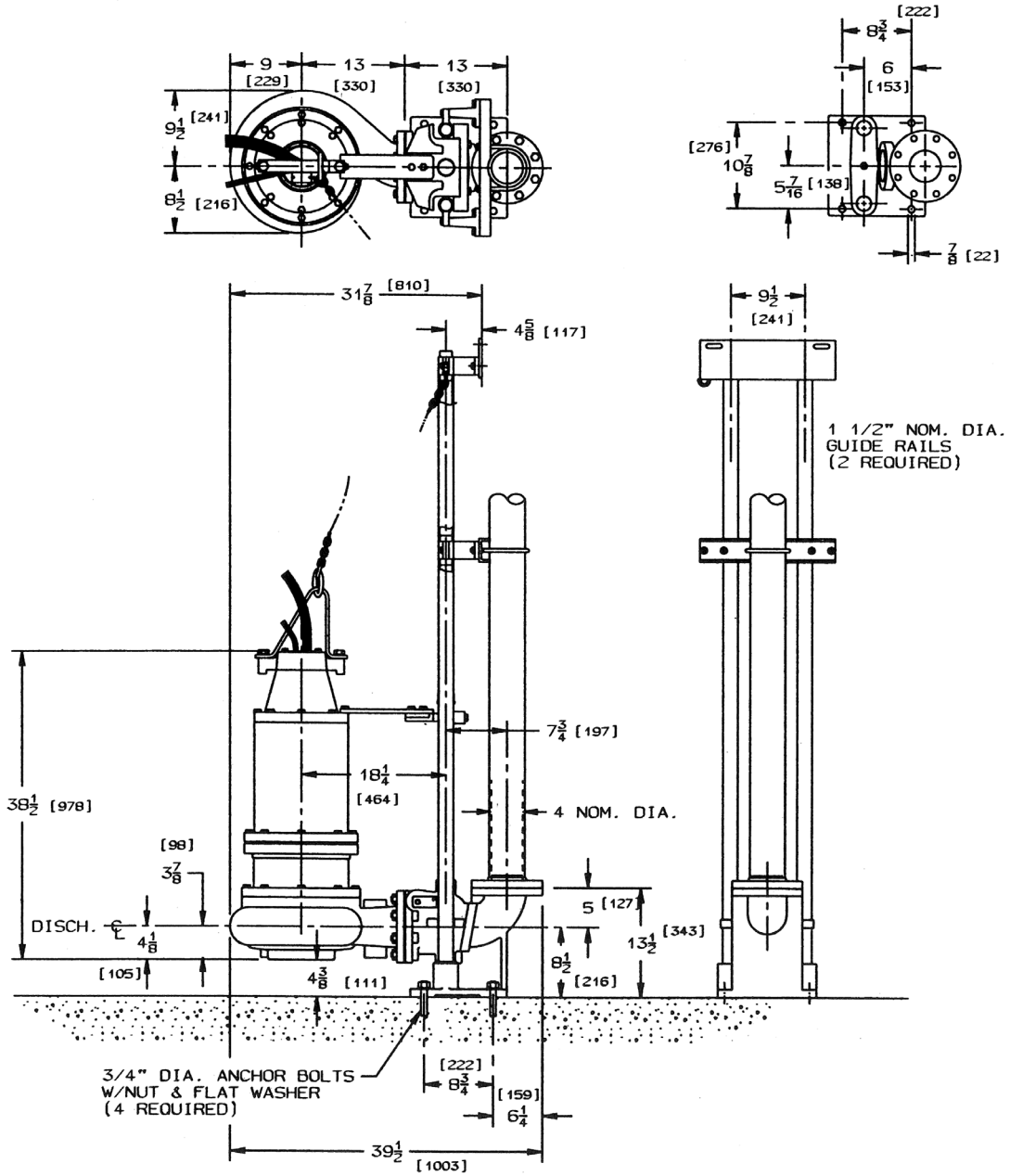
MYERS®

Typical Installation

4VC and 4VCX

4" Submersible Solids Handling Wastewater Pump
Standard (4VC) and Hazardous Location (4VCX)

Slide Rail Dimensions
(SRA/SRAX-400VC Shown)



Note: Metric Dimensions Shown [mm].

PENTAIR

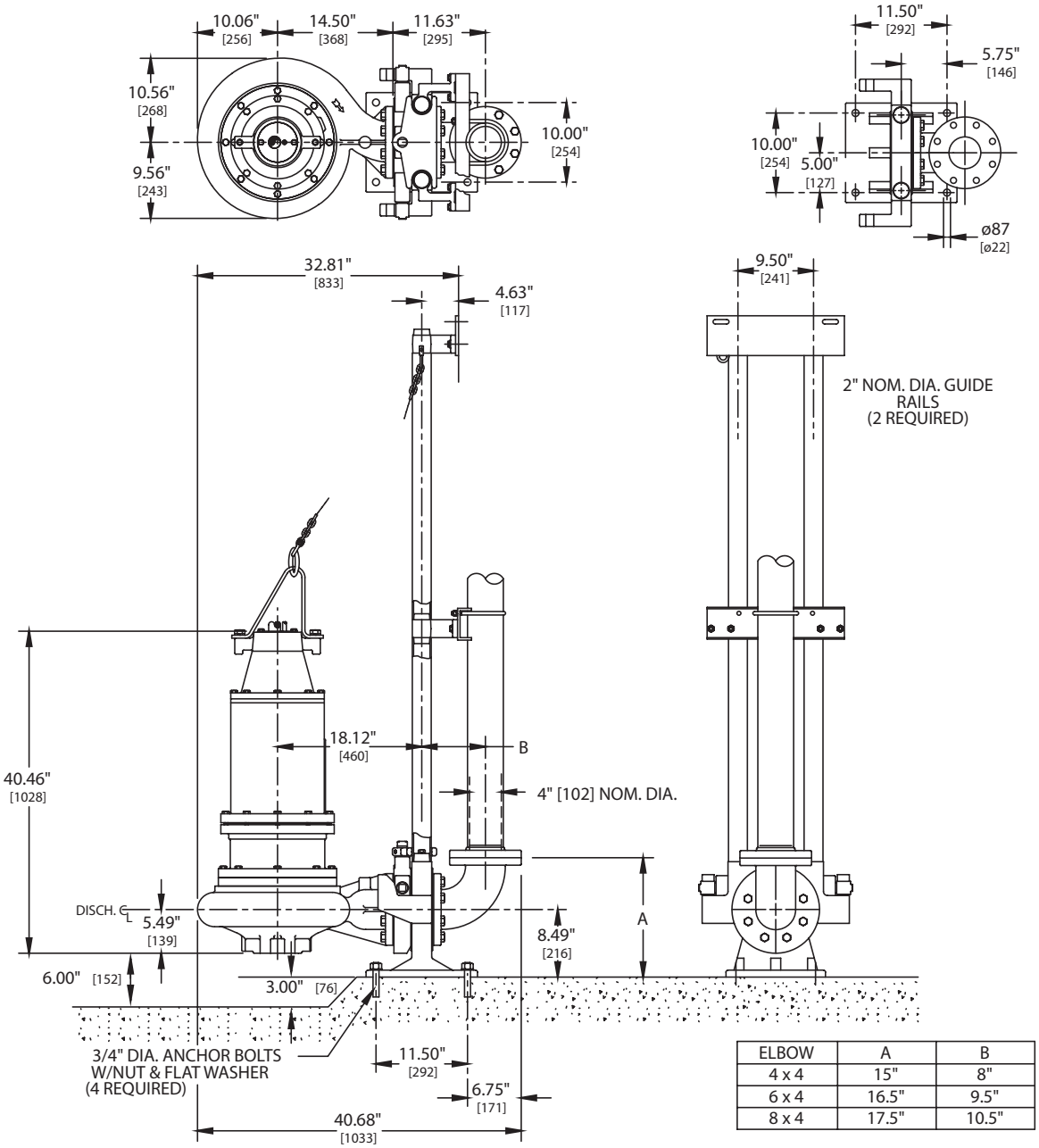
MYERS®

Typical Installation

4VE and 4VEX

4" Submersible Solids Handling Wastewater Pump
Standard (4VE) and Hazardous Location (4VEX)

Slide Rail Dimensions
(SRA/SRAX-44HH Shown)



ELBOW	A	B
4 x 4	15"	8"
6 x 4	16.5"	9.5"
8 x 4	17.5"	10.5"

Note: Metric Dimensions Shown [mm].

PENTAIR

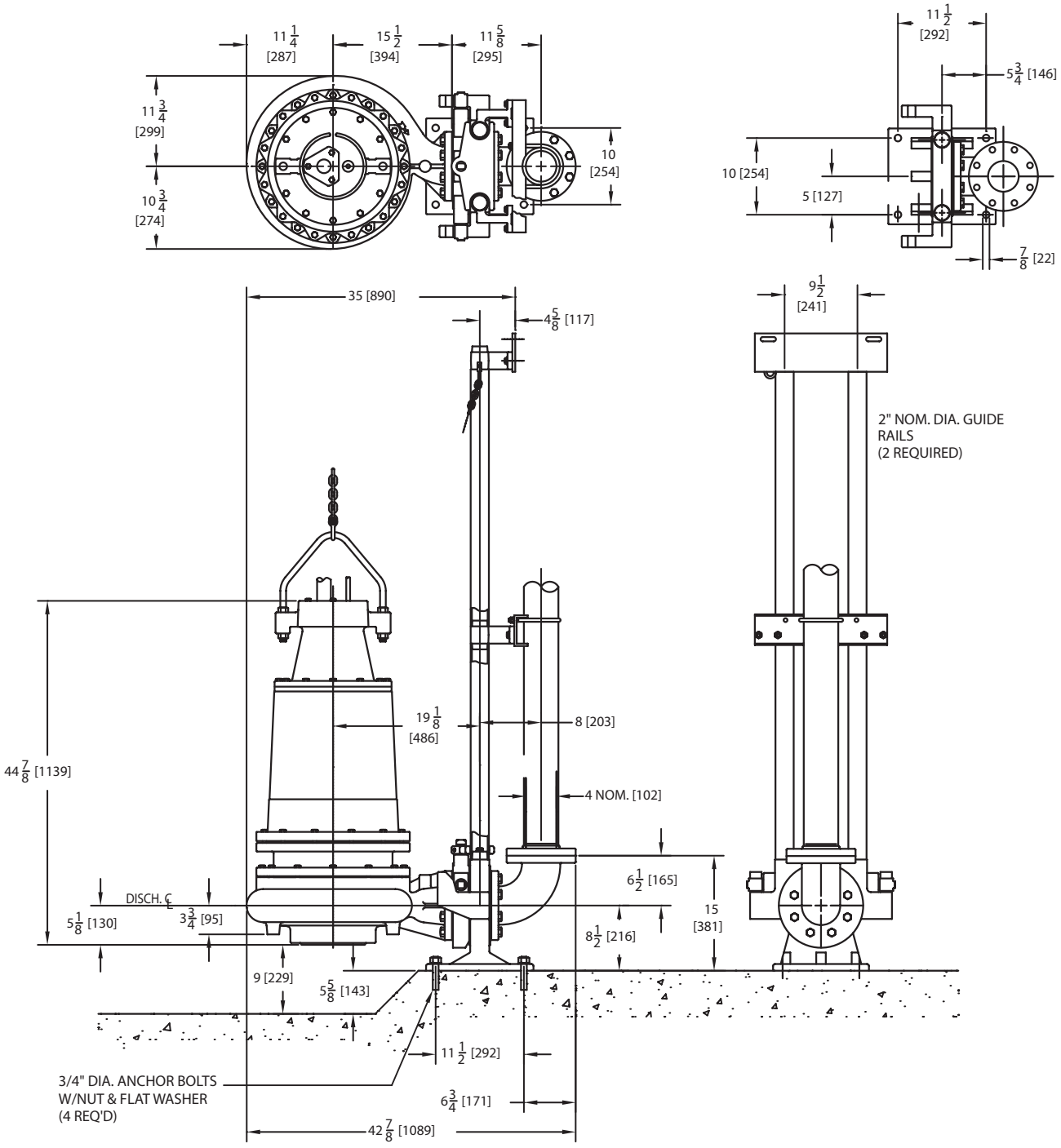
MYERS®

Typical Installation

4VL and 4VLX

4" Submersible Solids Handling Wastewater Pump
Standard (4VL) and Hazardous Location (4VLX)

Slide Rail Dimensions (SRA44HH/SRAX44HH Shown)



NOTE: Metric Dimensions in [mm]. Tolerance: ±1/8".

PENTAIR

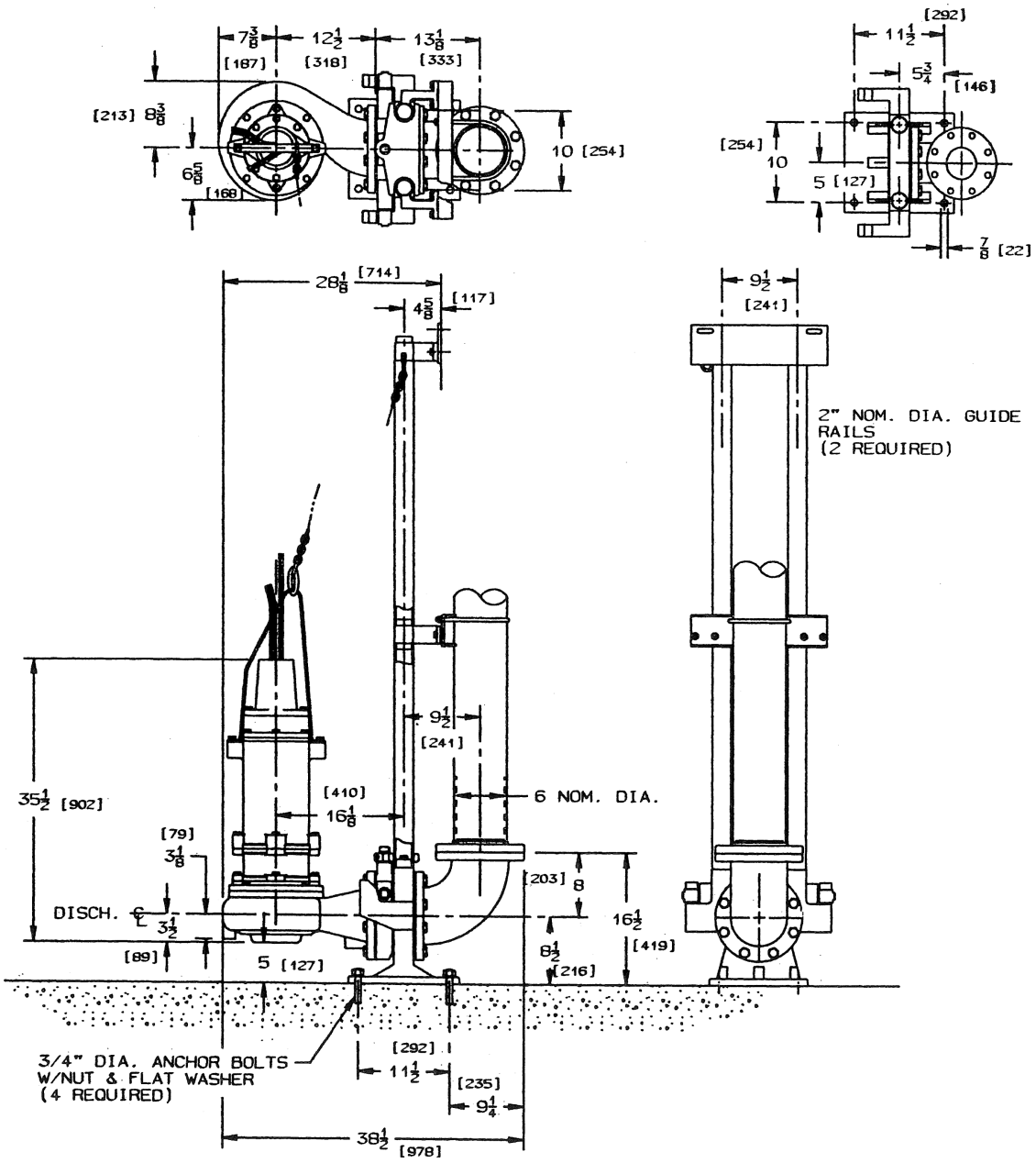
MYERS®

Typical Installation

6VH and 6VHX

6" Submersible Solids Handling Wastewater Pump
Standard (6VH) and Hazardous Location (6VHX)

Slide Rail Dimensions
(SRA/SRAX-66 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

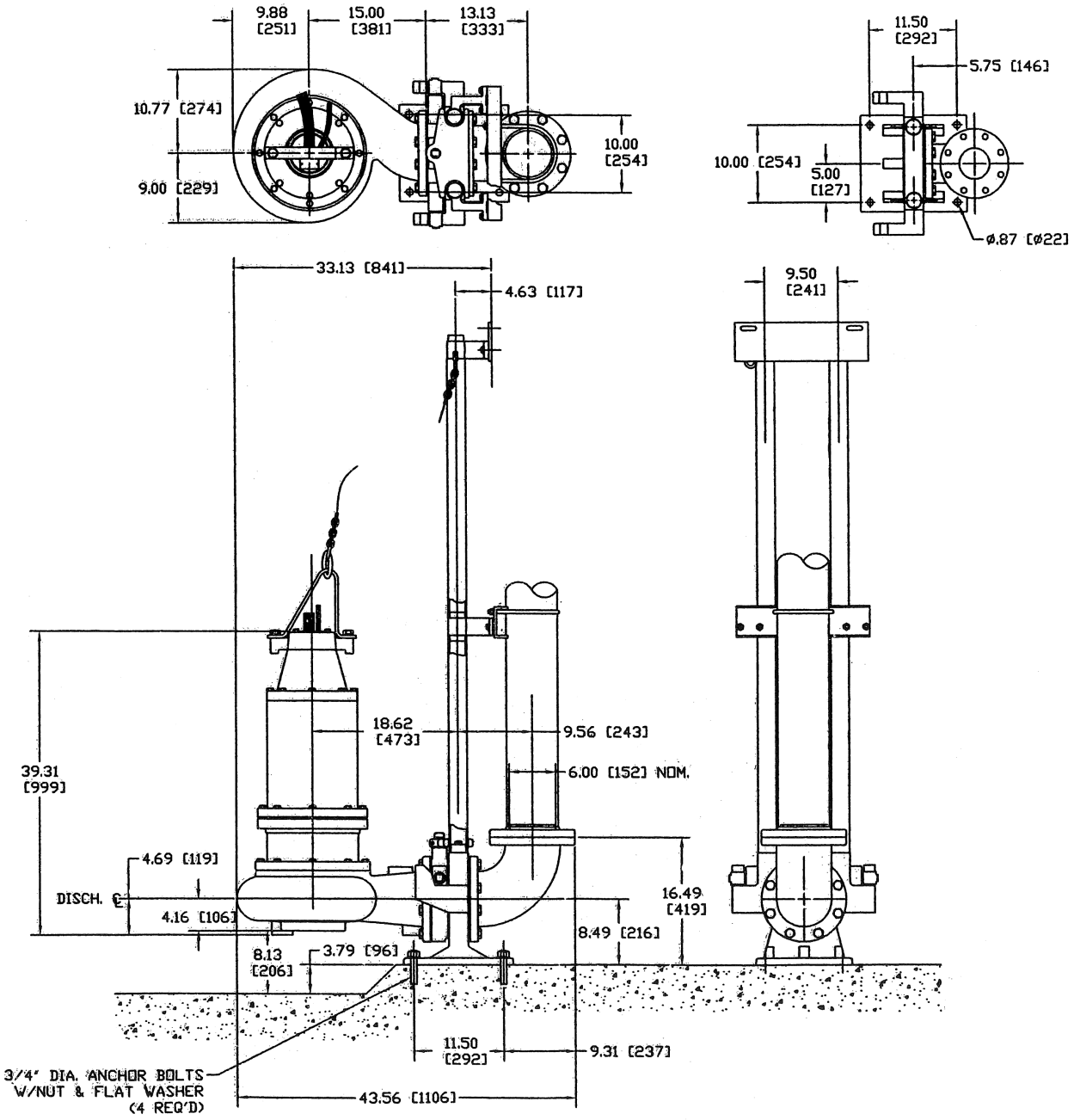
MYERS®

Typical Installation

6VC and 6VCX

6" Submersible Solids Handling Wastewater Pump
Standard (6VC) and Hazardous Location (6VCX)

Slide Rail Dimensions
(SRA/SRAX-66 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

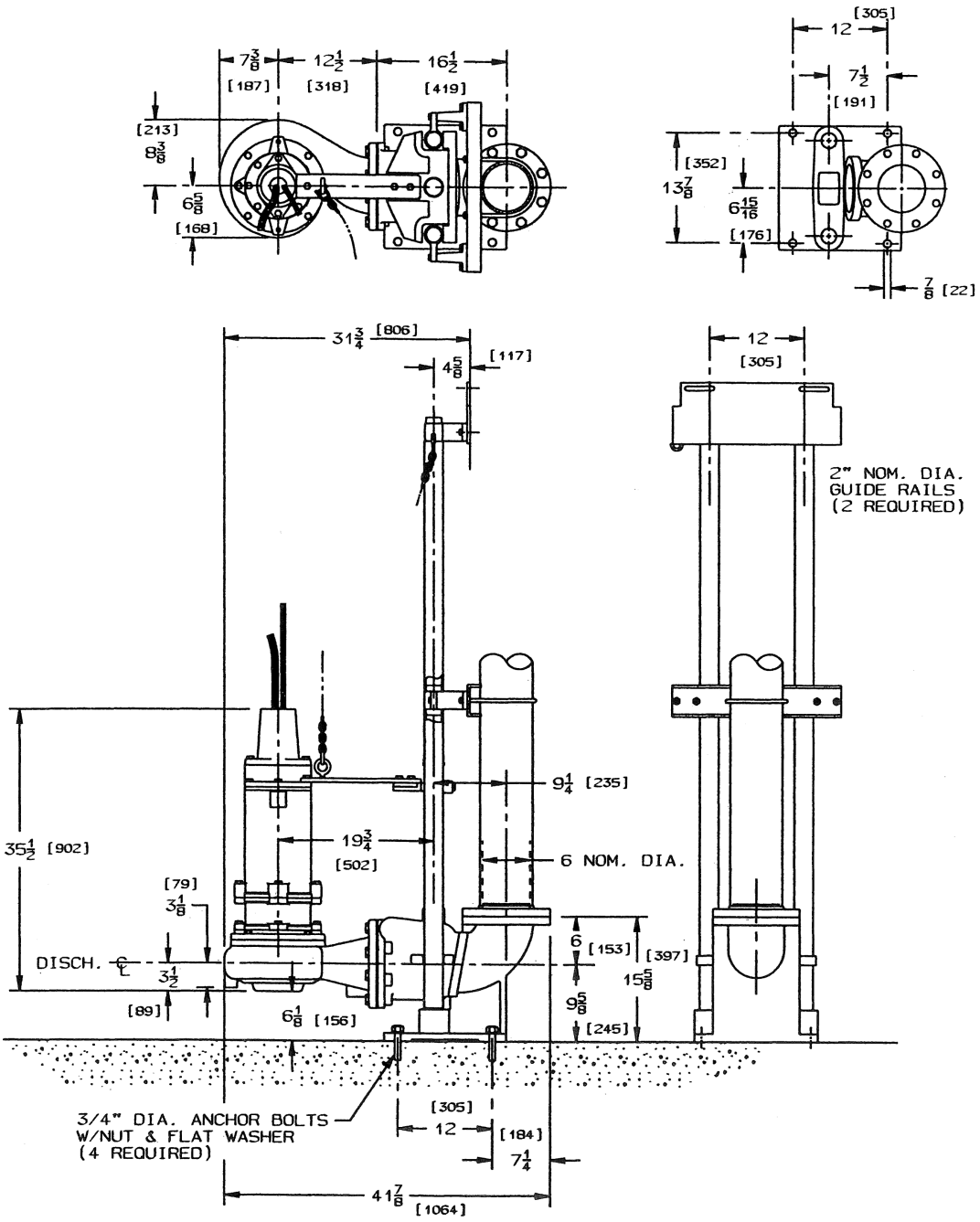
Typical Installation

6VH and 6VHX

MYERS®

6" Submersible Solids Handling Wastewater Pump
Standard (6VH) and Hazardous Location (6VHX)

Slide Rail Dimensions
(SRA/SRAX-600VH-1 Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

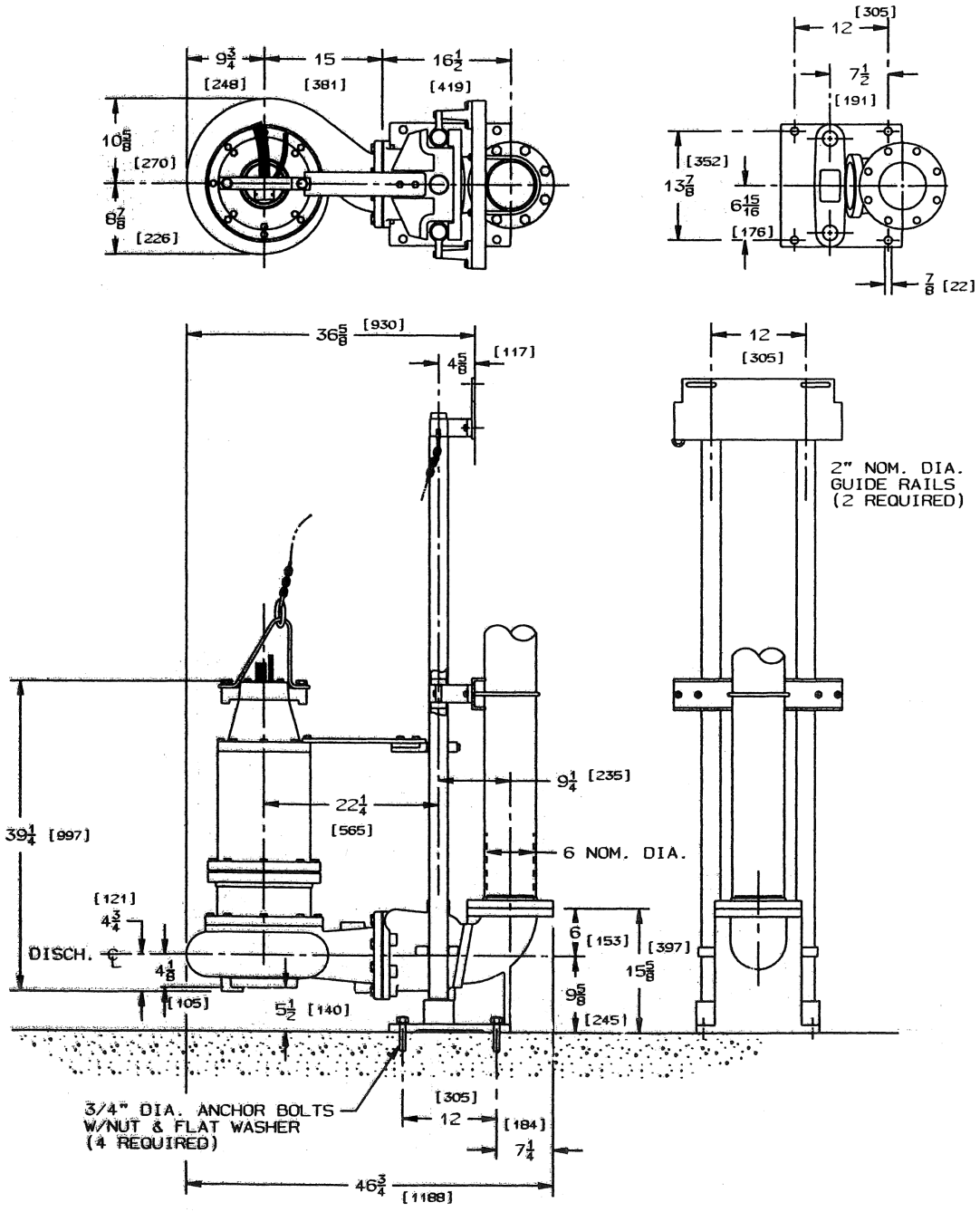
MYERS®

Typical Installation

6VC and 6VCX

6" Submersible Solids Handling Wastewater Pump
Standard (6VC) and Hazardous Location (6VCX)

Slide Rail Dimensions
(SRA/SRAX-600VC Shown)



Note: Metric Dimensions Shown [mm]

PENTAIR

MYERS®

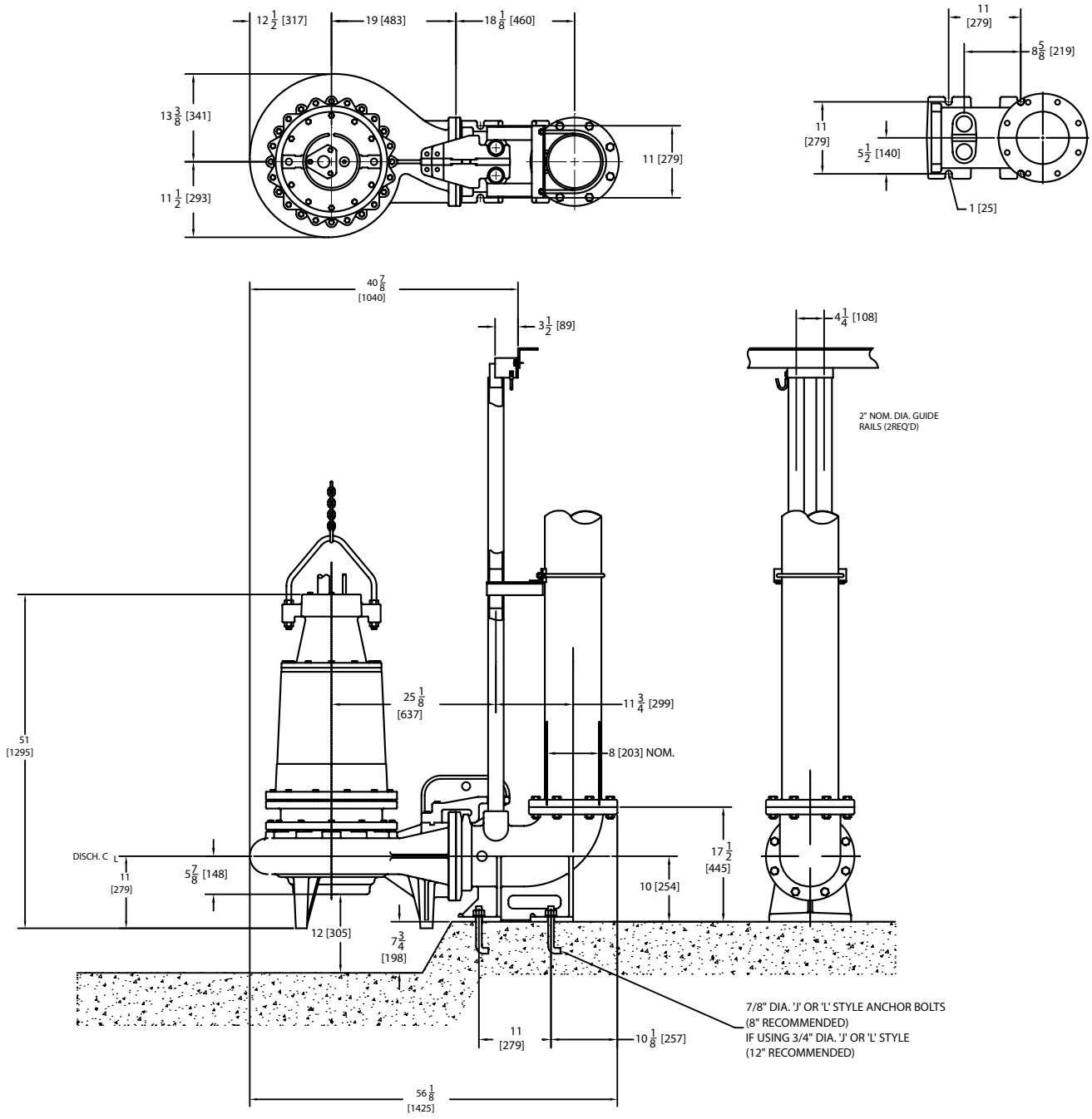
Typical Installation

8VL and 8VLX

8” Submersible Solids Handling Wastewater Pump
Standard (8VL) and Hazardous Location (8VLX)

Slide Rail Dimensions (SRA/SRAX-88 Shown)

NOTE: Metric Dimensions in [MM]. Tolerance: ±1/8”.



NOTE: if increasing pipe at elbow eccentric reducer is required.

PENTAIR

MYERS®

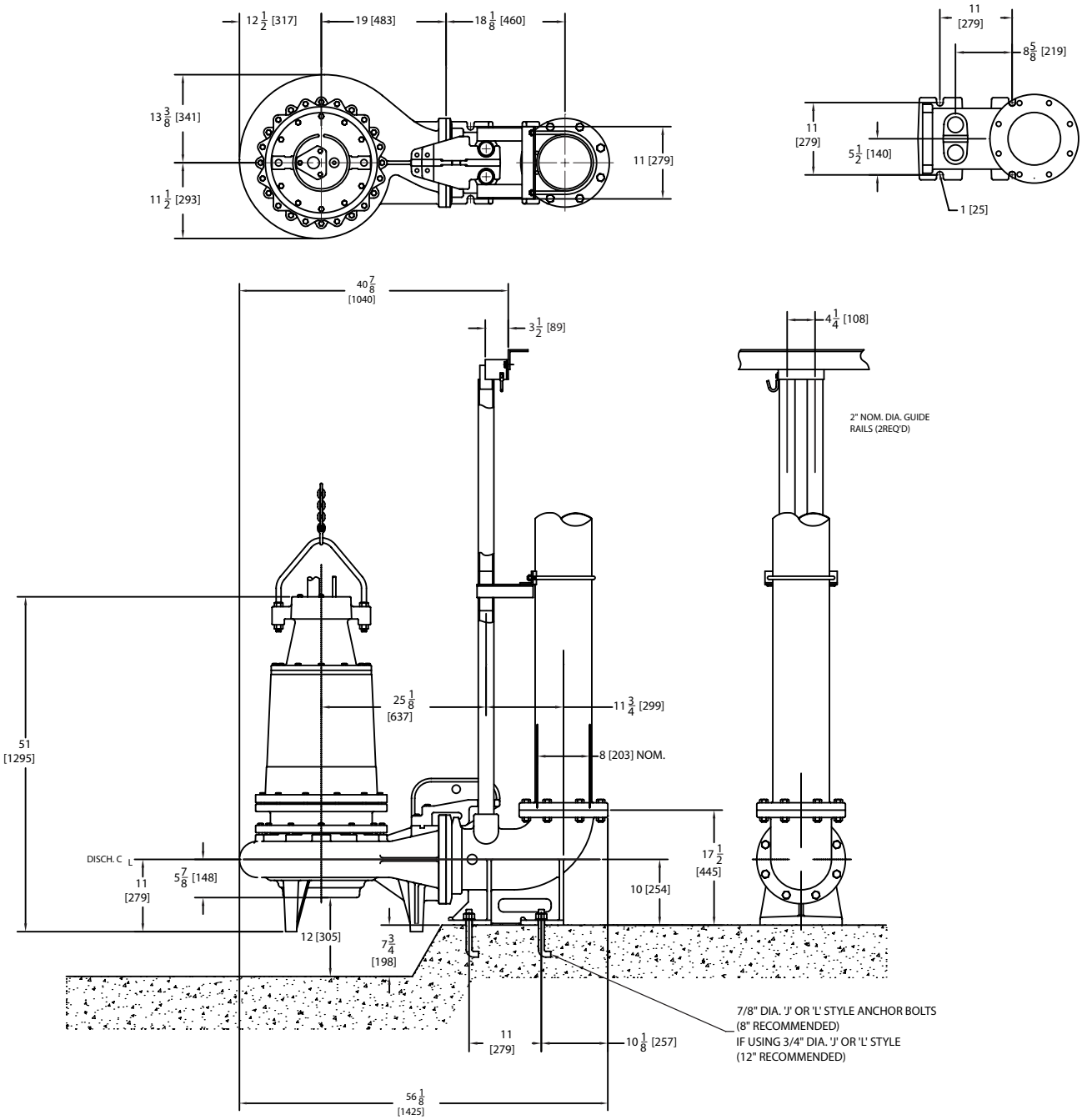
Typical Installation

8SM and 8SMX

8” Submersible Solids Handling Wastewater Pump Standard (8SM) And Hazardous Location (8SMX)

Slide Rail Dimensions (SRA/SRAX-88 Shown)

NOTE: Metric Dimensions in [MM]. Tolerance: ±1/8”.



NOTE: If Increasing Pipe At Elbow Eccentric Reducer Is Required.

PENTAIR

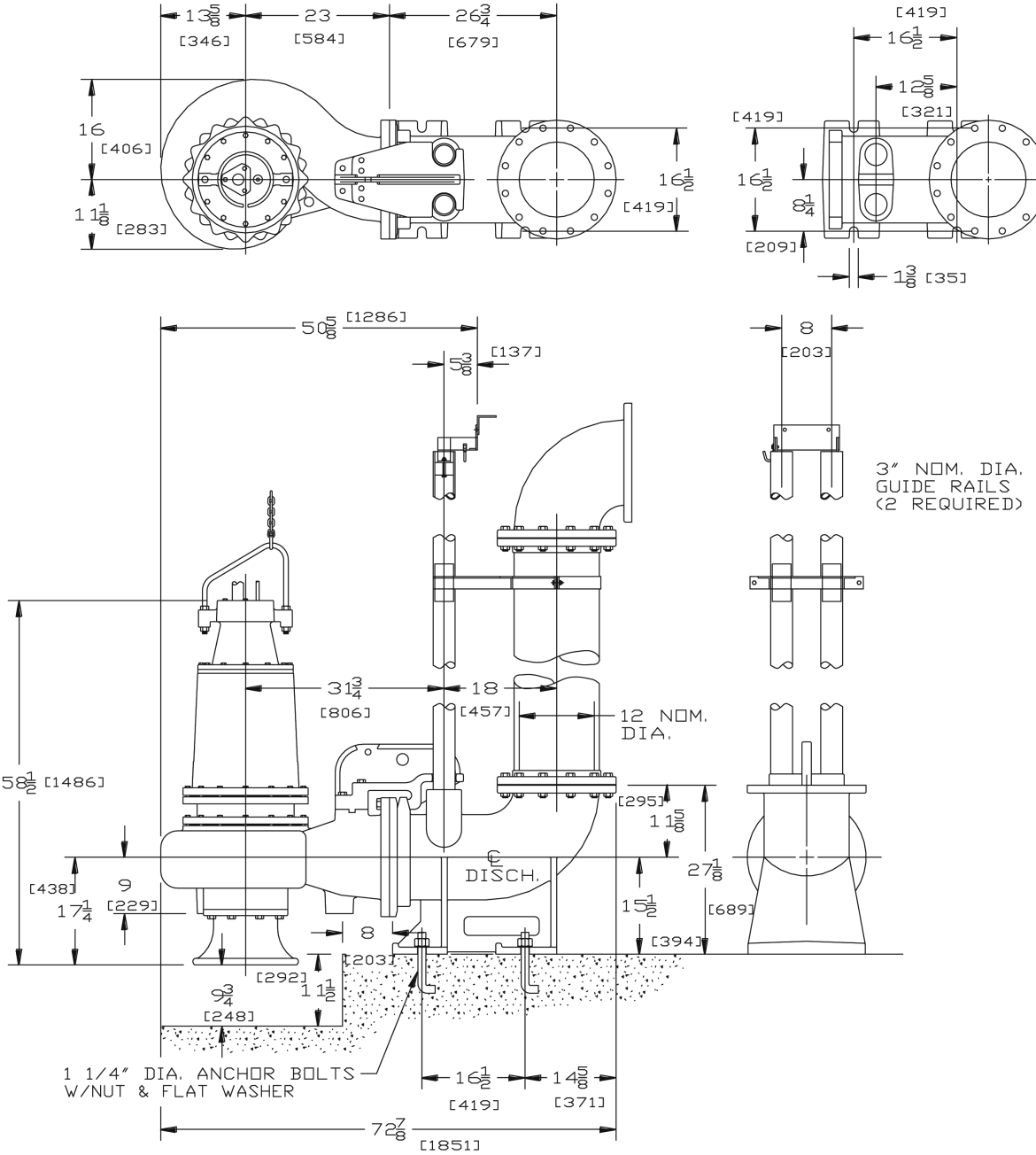
MYERS®

Typical Installation

12VL and 12VLX

12" Submersible Solids Handling Wastewater Pump
Standard (12VL) and Hazardous Location (12VLX)

Slide Rail Dimensions
(SRA/SRAX-1212 Shown)



PENTAIR

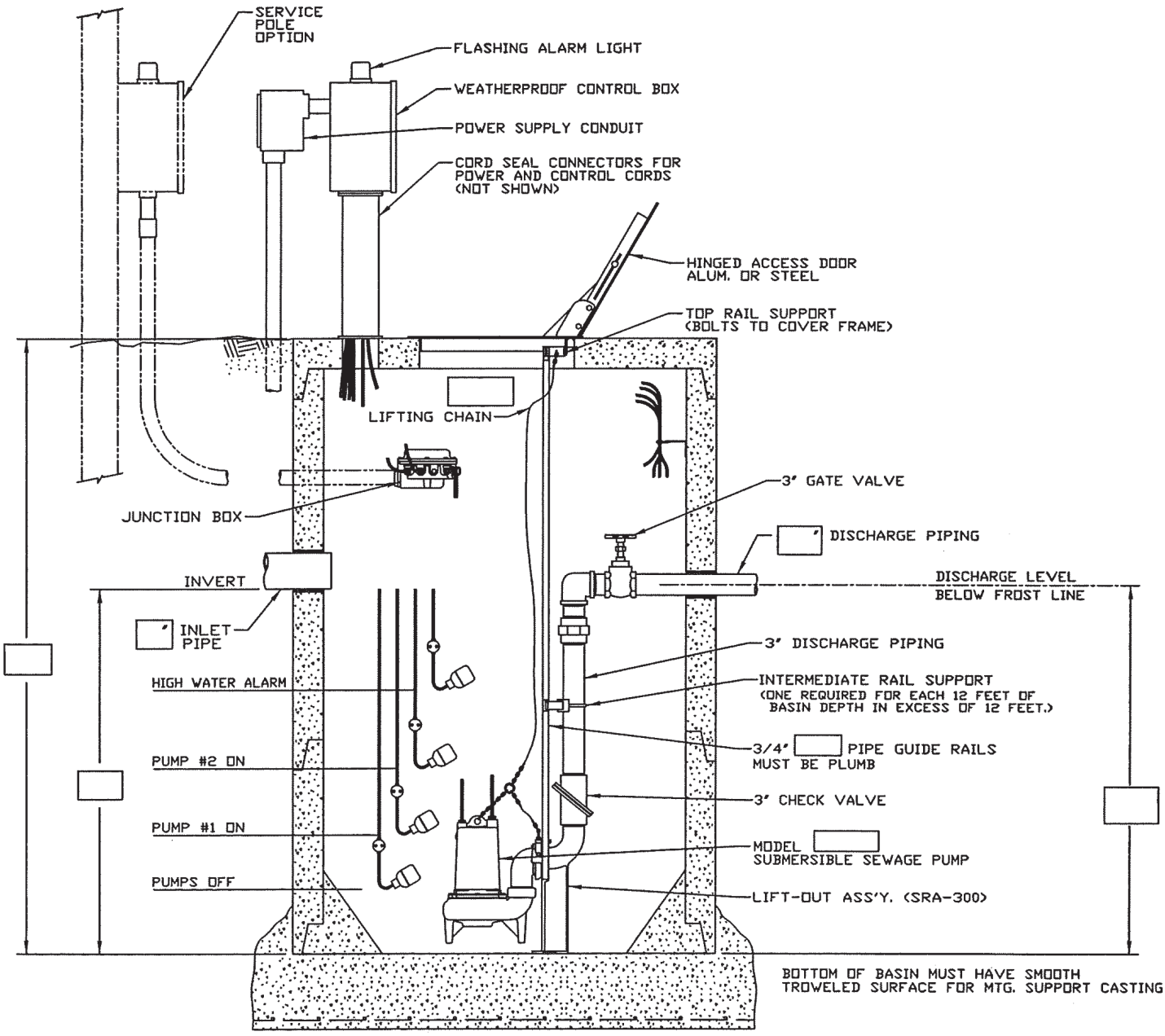
MYERS®

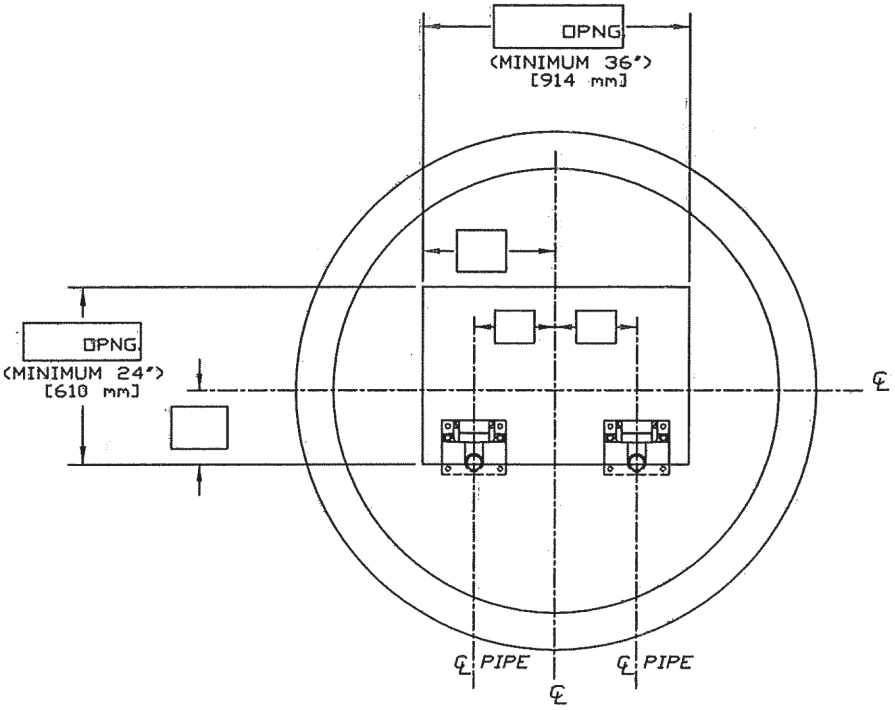
Typical Installation

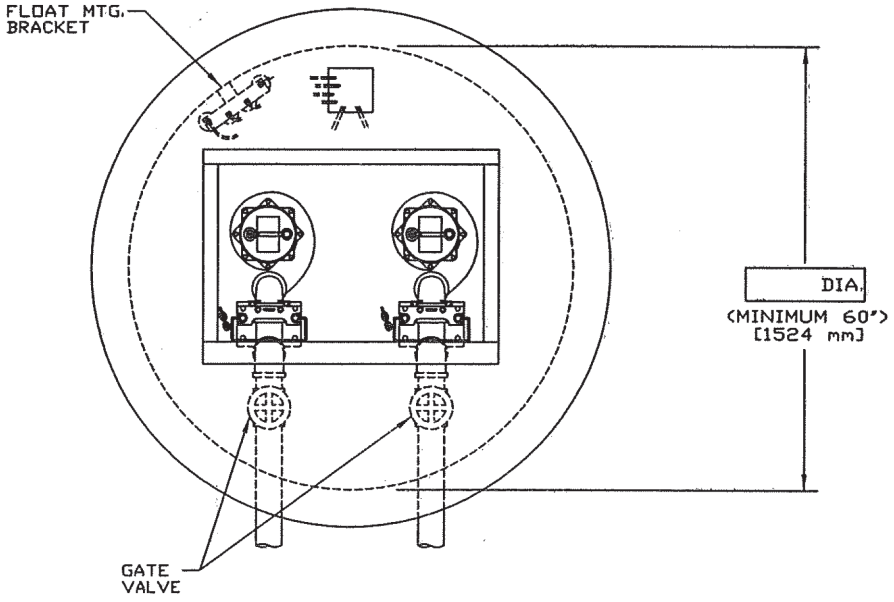
3MW

Duplex Submersible Sewage Pump

Lift Out Models:
(SRA-300)




OPNG.
(MINIMUM 36")
[914 mm]
OPNG.
(MINIMUM 24")
[610 mm]
℄
℄ PIPE
℄ PIPE
℄


FLOAT MTG.
BRACKET
DIA.
(MINIMUM 60")
[1524 mm]
GATE
VALVE

PENTAIR

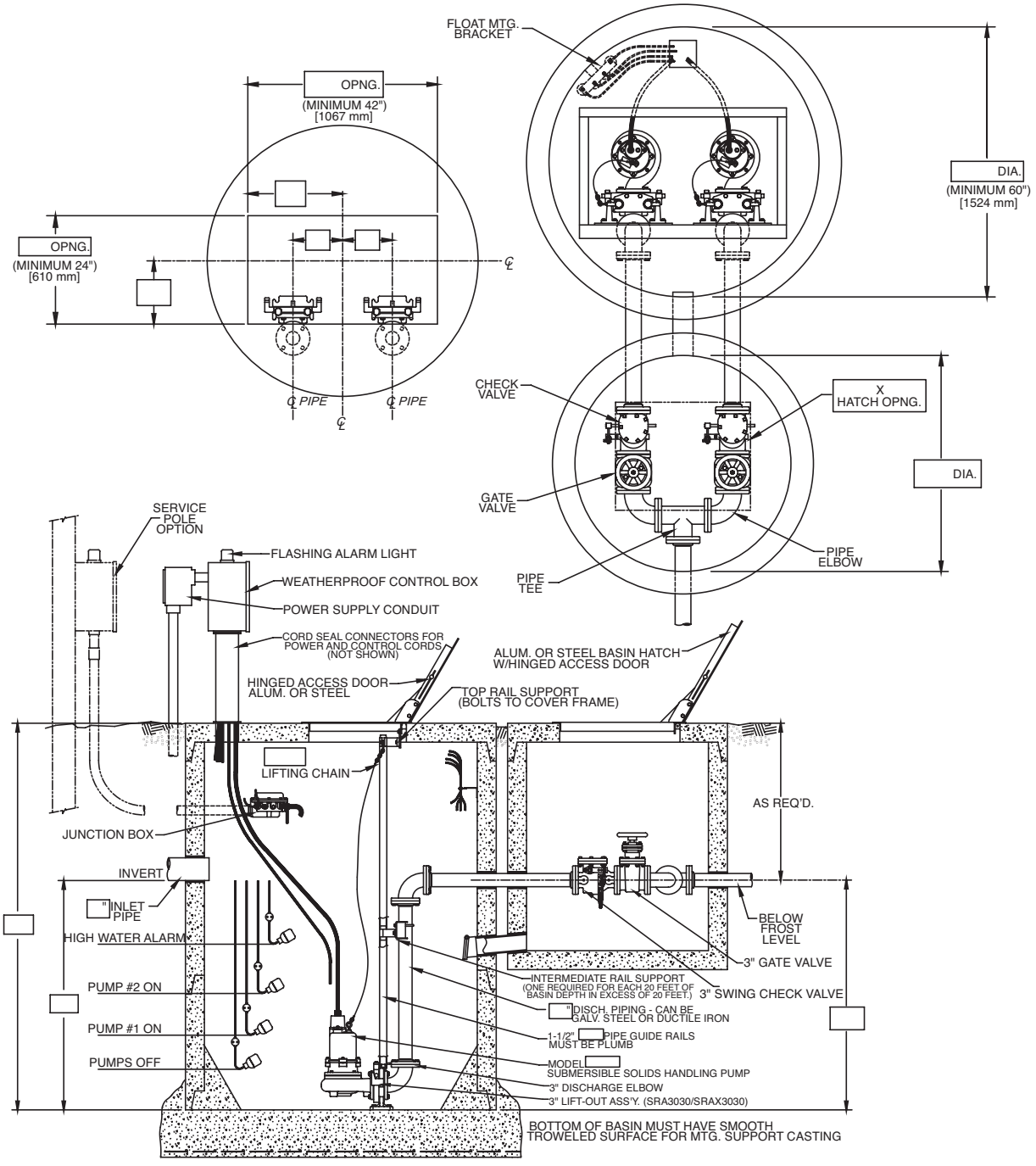
MYERS®

Typical Installation

3R, 3RX, 3RH, 3RHX, 3WHV, 3V AND 3VX

Duplex 3" Submersible Solids Handling

Lift Out Models: (SRA/SRAX-3030)



Note: Metric Dimensions Shown [mm]

PENTAIR

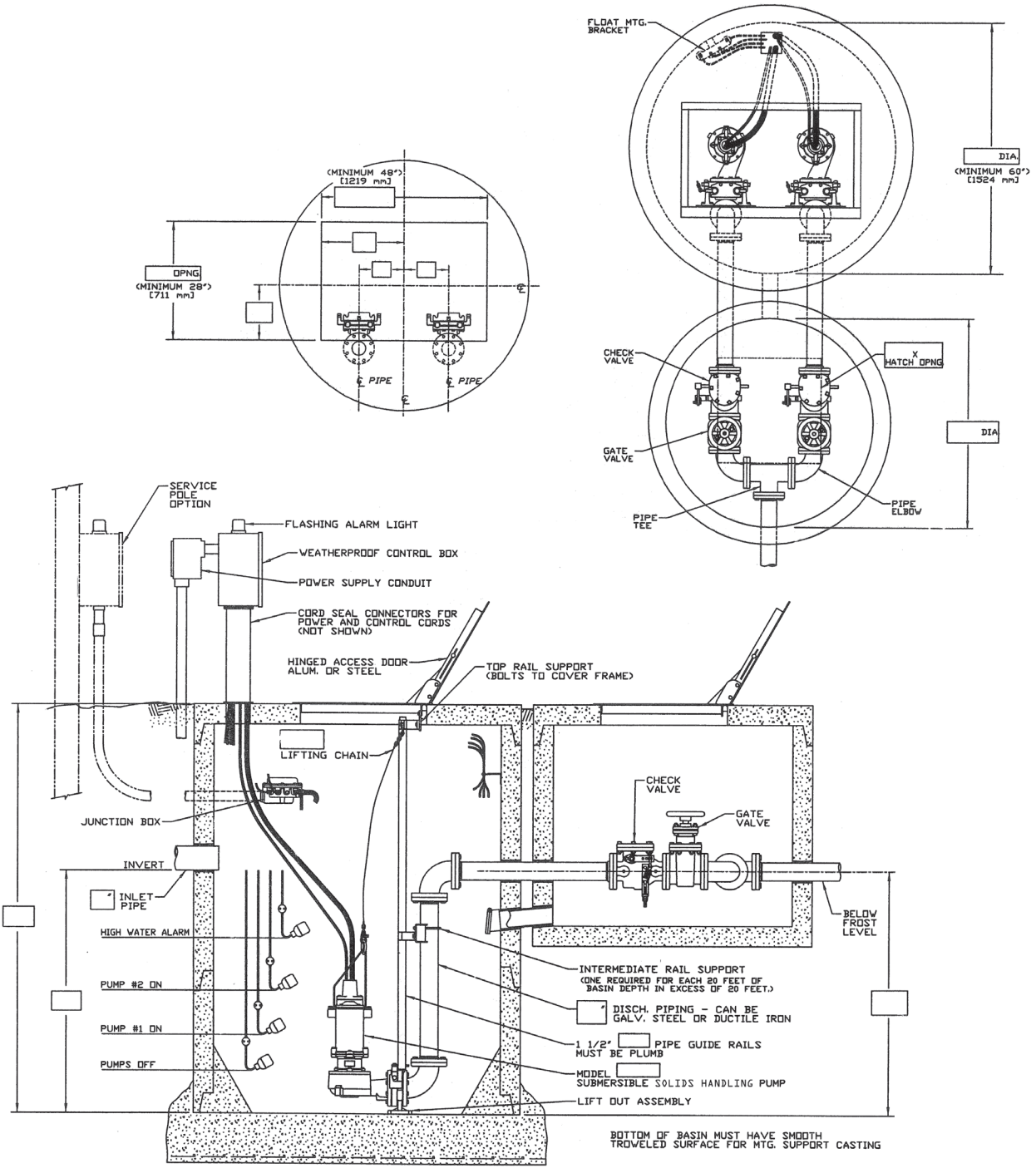
MYERS®

Typical Installation

4R, 4V, 4WHV, 4RX and 4VX

Duplex 4" Submersible Solids Handling Pumps

Lift Out Models: (SRA/SRAX-4040)



PENTAIR

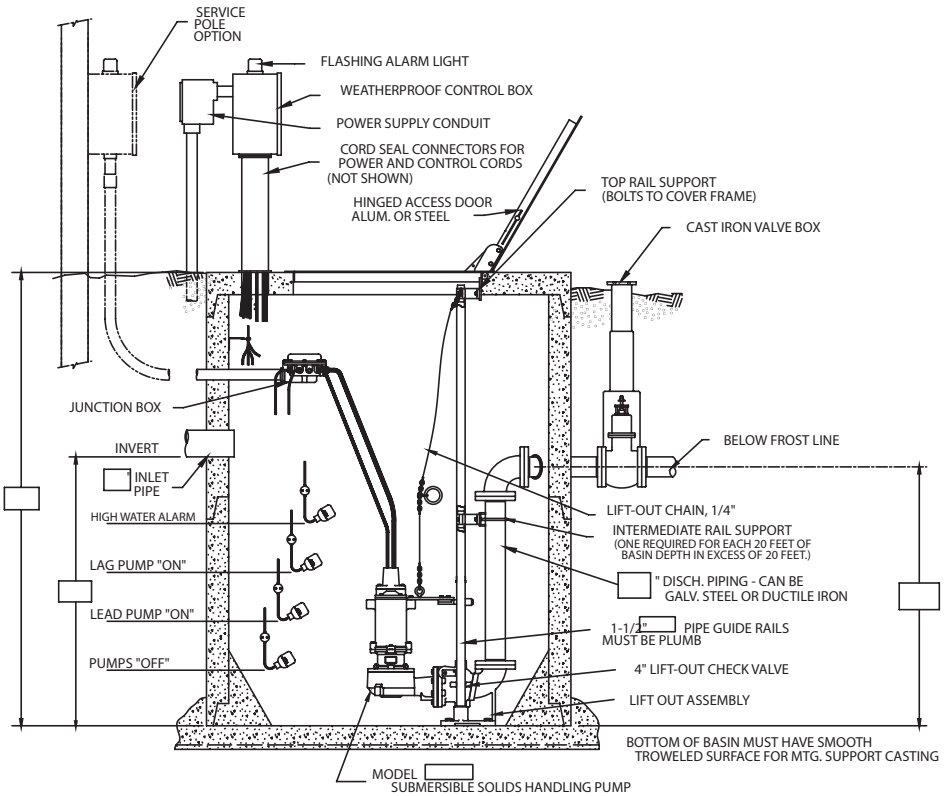
MYERS®

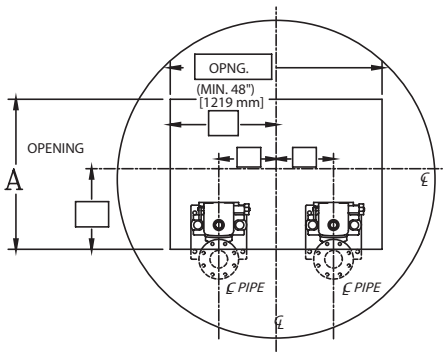
Typical Installation

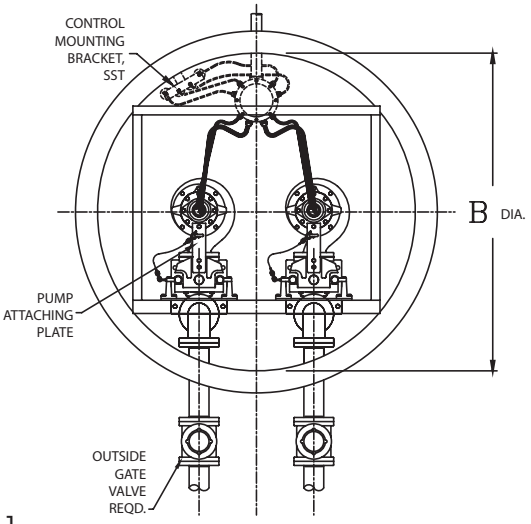
4R(X), 4V(X), 4RH(X), 4VH(X), 4VHA(X), 4RC(X) and 4VC(X)

Duplex 4" Submersible Solids Handling

Lift Out Models: (SRA/SRAX-400 Series)







MINIMUM DIMENSIONS		
PUMP CAT.NO.	A	B
4R 4RX	30" [762]	60" DIA. [1524]
4V 4VX	30" [762]	60" DIA. [1524]
4RH 4RHX	28" [711]	60" DIA. [1524]
4VH 4VHX	30" [762]	60" DIA. [1524]
4VHA 4VHAX	36" [914]	72" DIA. [1829]
4RC 4RCX	30" [762]	60" DIA. [1524]
4VC 4VCX	36" [914]	72" DIA. [1829]

Note: Metric Dimensions Shown [mm].

PENTAIR

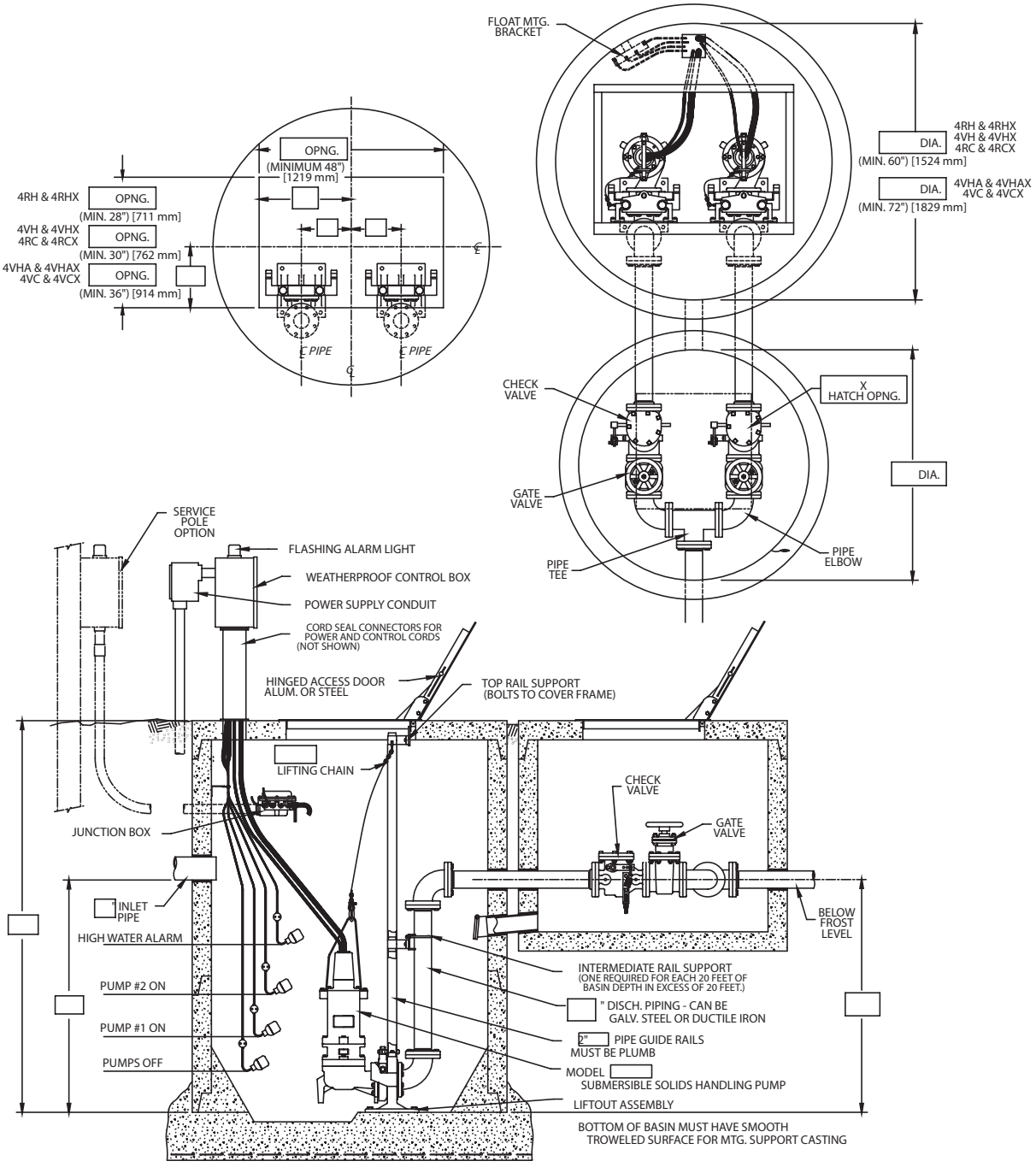
MYERS®

Typical Installation

4RH(X), 4VH(X), 4VHA(X), 4RC(X) and 4VC(X)

Duplex 4" Submersible Solids Handling

Lift Out Models: (SRA/SRAX-44HH)



Note: Metric Dimensions Shown [mm].

PENTAIR

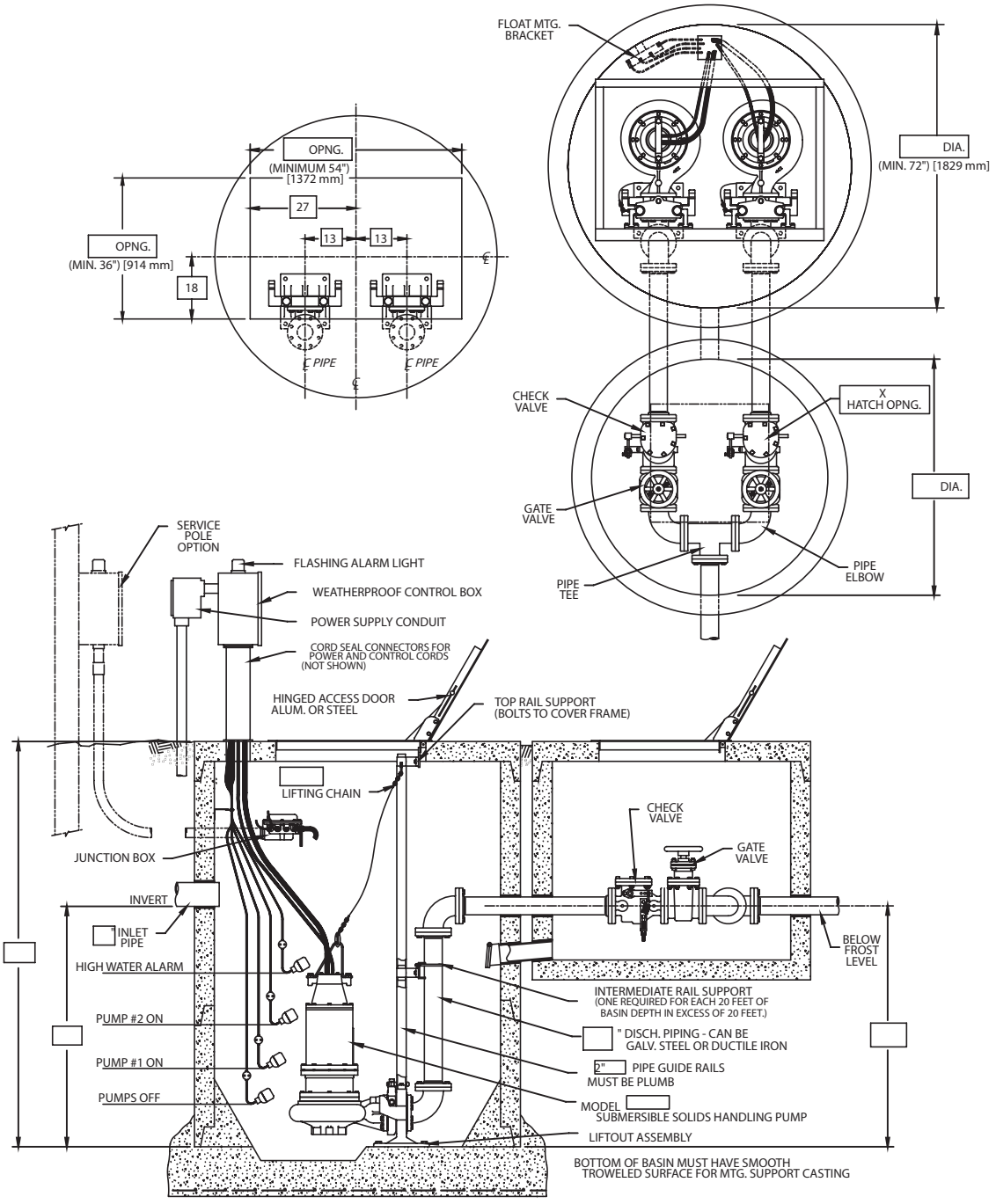
MYERS®

Typical Installation

4VE and 4VEX

Duplex 4" Submersible Solids Handling

Lift Out Models: (SRA/SRAX-44HH)



Note: Metric Dimensions Shown [mm].

PENTAIR

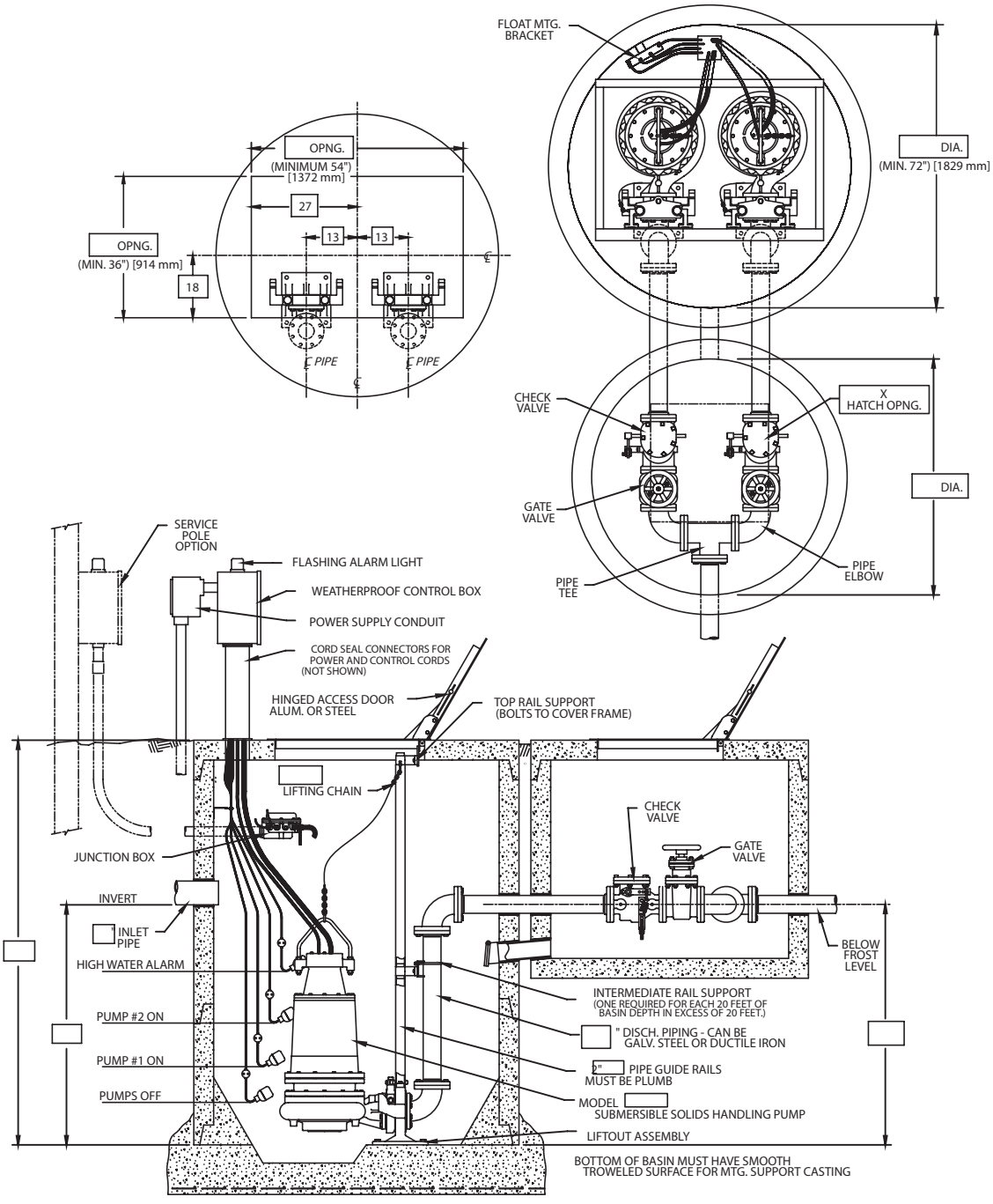
MYERS®

Typical Installation

4VL and 4VLX

Duplex 4" Submersible Solids Handling

Lift Out Models: (SRA/SRAX-44HH)



Note: Metric Dimensions Shown [mm].

PENTAIR

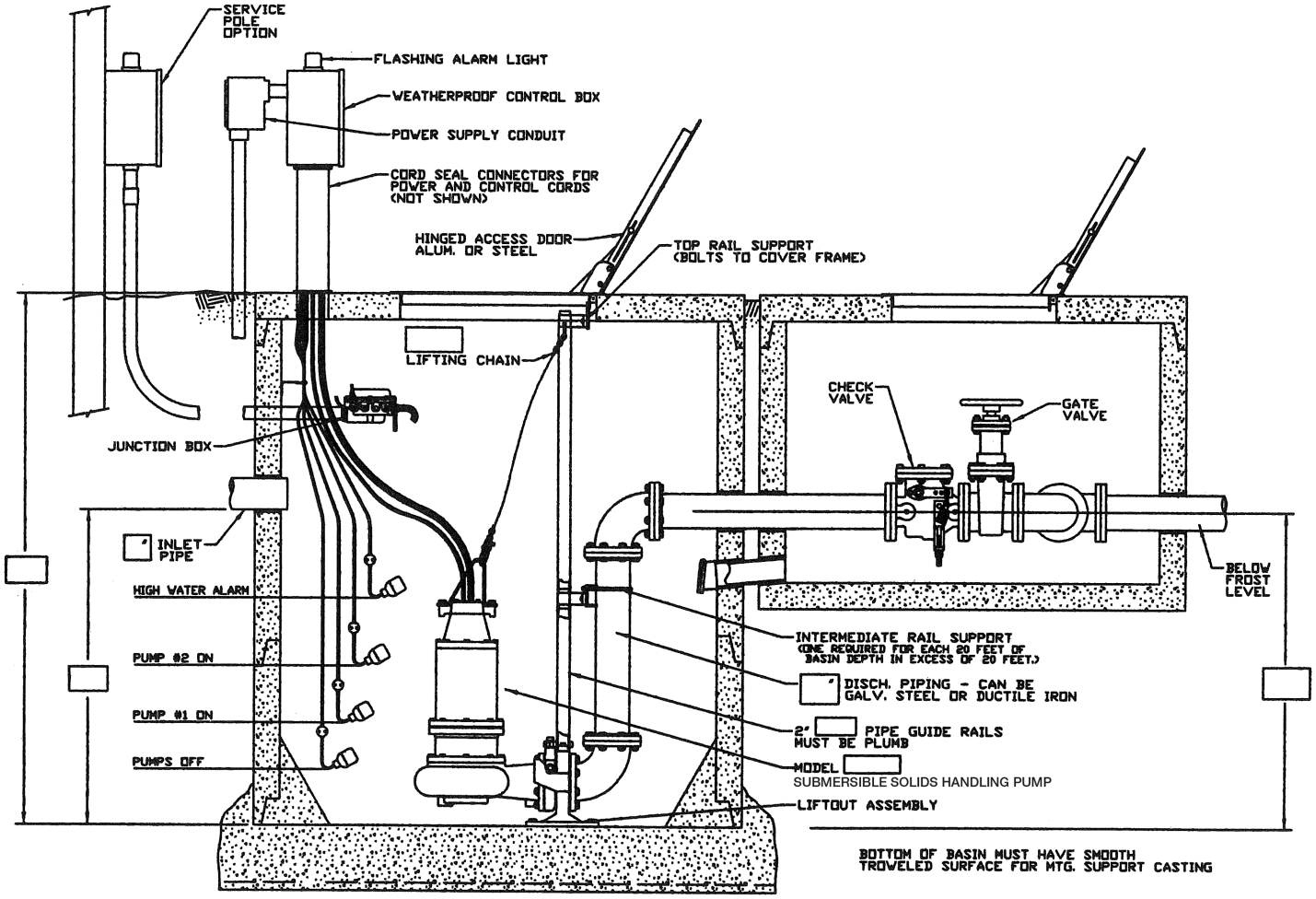
MYERS®

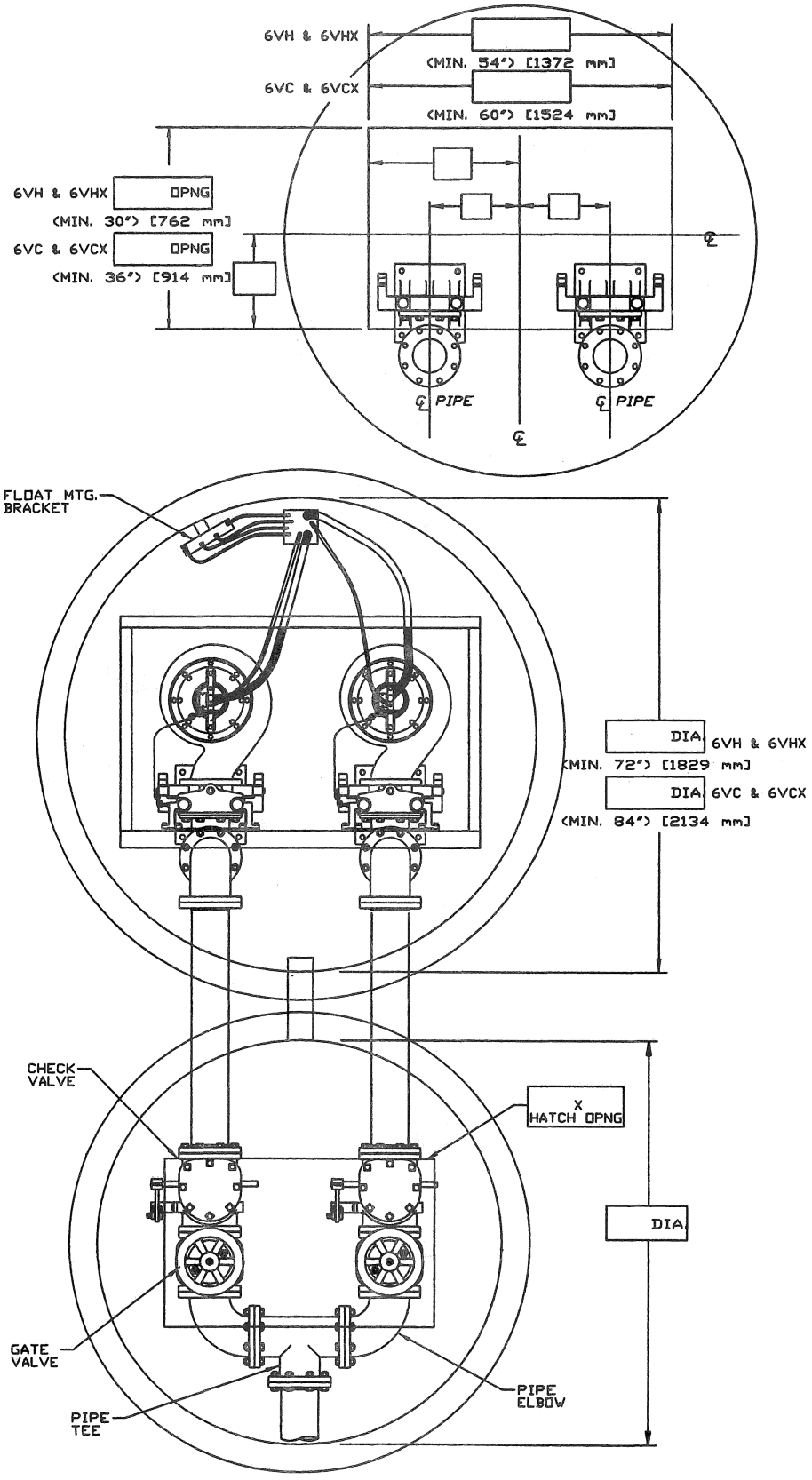
Typical Installation

6VH, 6VC, 6VHX and 6VCX

Duplex 6" Submersible Solids Handling

Lift Out Models:
(SRA/SRAX-66 Shown)




6VH & 6VHX
(MIN. 54") [1372 mm]
6VC & 6VCX
(MIN. 60") [1524 mm]
6VH & 6VHX OPNG
(MIN. 30") [762 mm]
6VC & 6VCX OPNG
(MIN. 36") [914 mm]
℄ PIPE
℄ PIPE
℄
FLOAT MTG. BRACKET
DIA 6VH & 6VHX
(MIN. 72") [1829 mm]
DIA 6VC & 6VCX
(MIN. 84") [2134 mm]
CHECK VALVE
X HATCH OPNG
DIA
GATE VALVE
PIPE TEE
PIPE ELBOW

PENTAIR

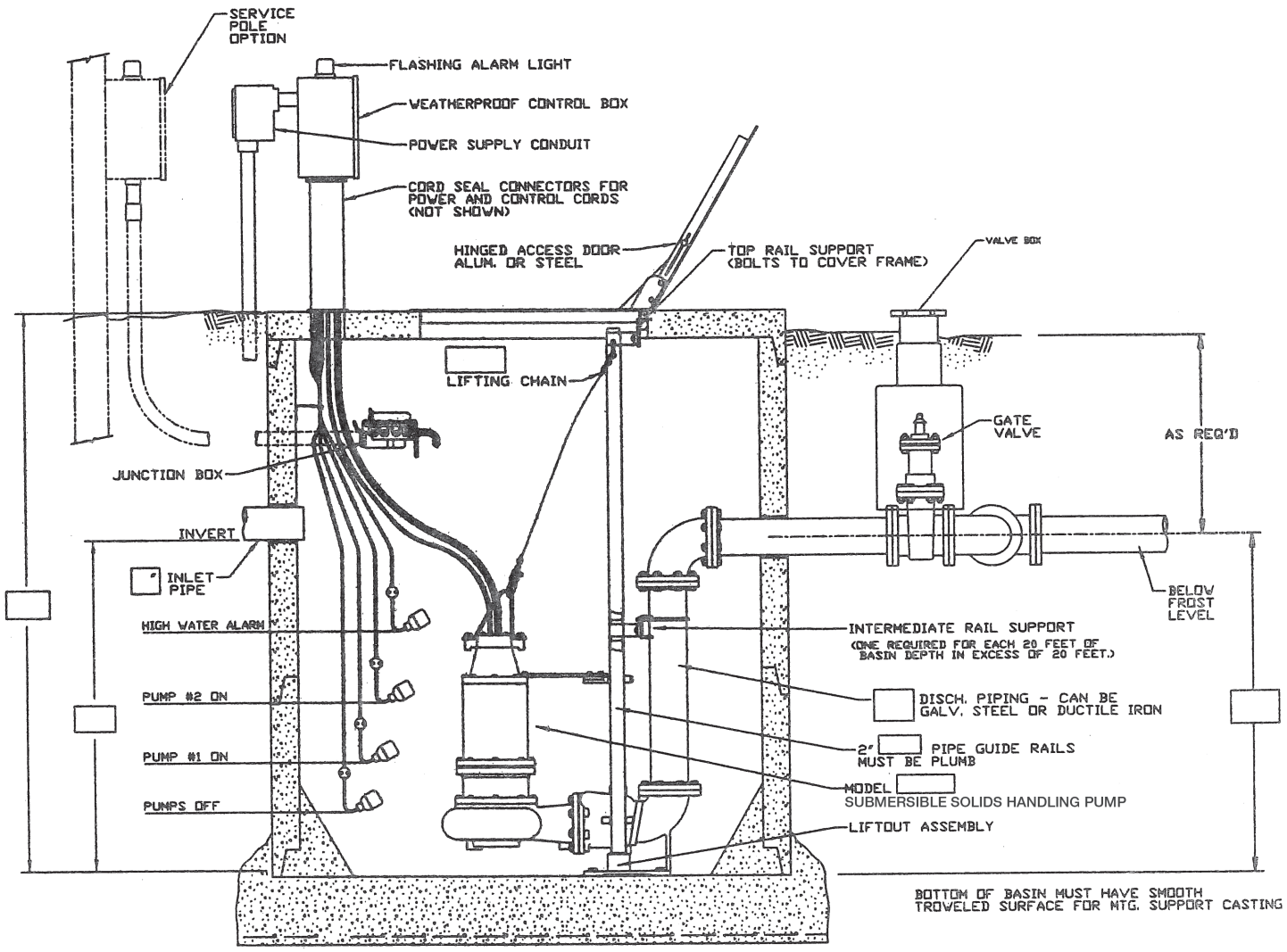
MYERS®

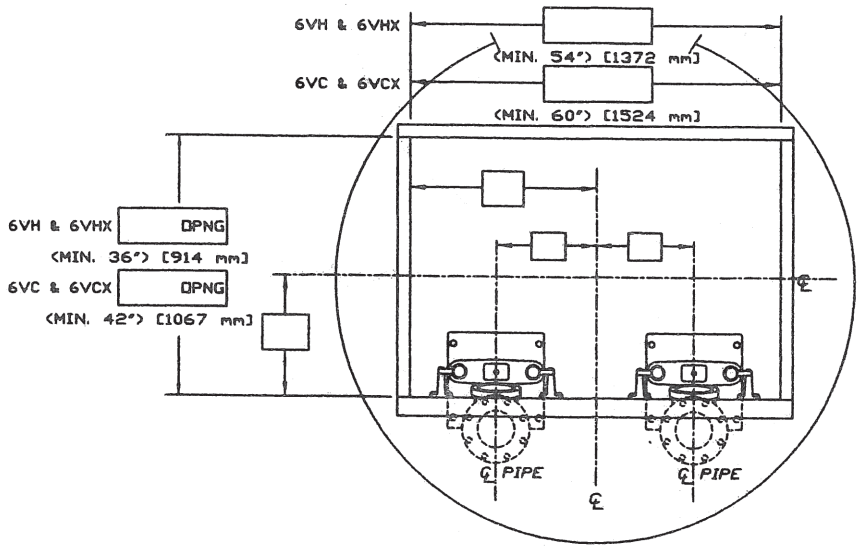
Typical Installation

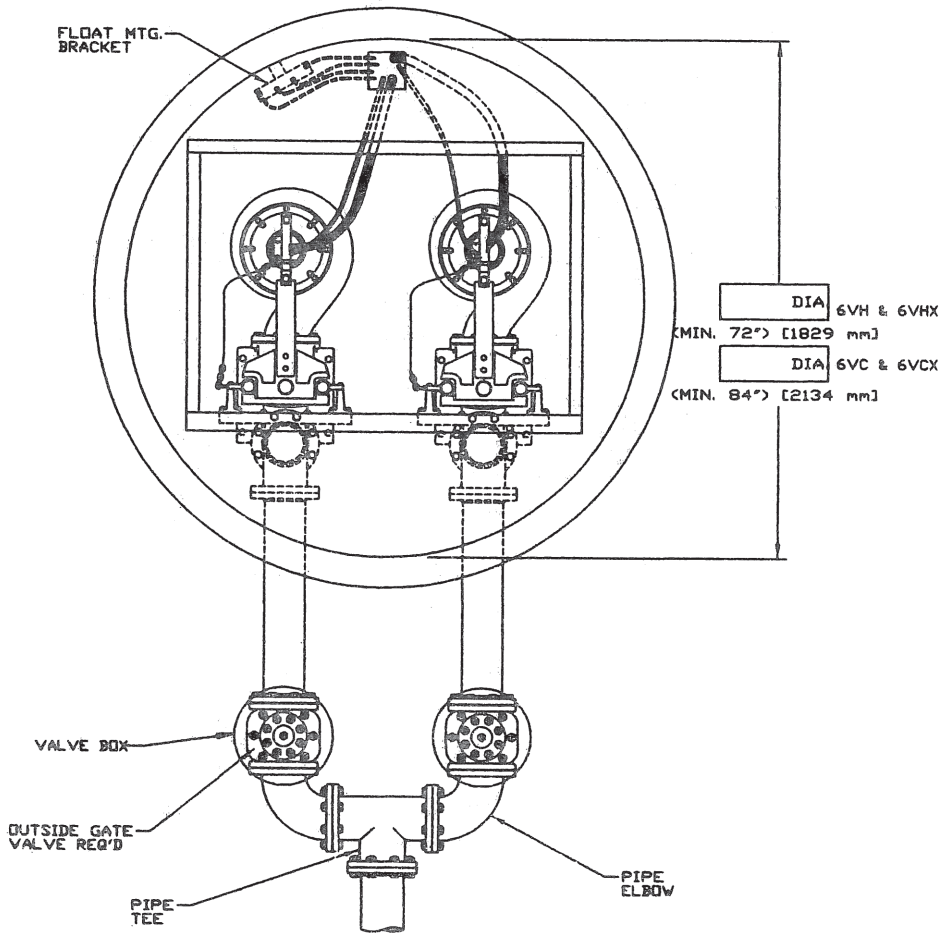
6VH, 6VC, 6VHX and 6VCX

Duplex 6" Submersible Solids Handling

Lift Out Models:
(SRA/SRAX-600 Shown)




6VH & 6VHX
(MIN. 54") [1372 mm]
6VC & 6VCX
(MIN. 60") [1524 mm]
6VH & 6VHX
OPNG
(MIN. 36") [914 mm]
6VC & 6VCX
OPNG
(MIN. 42") [1067 mm]
℄ PIPE
℄ PIPE
℄
℄


FLOAT MTG. BRACKET
DIA
6VH & 6VHX
(MIN. 72") [1829 mm]
DIA
6VC & 6VCX
(MIN. 84") [2134 mm]
VALVE BOX
OUTSIDE GATE VALVE REQ'D
PIPE TEE
PIPE ELBOW

PENTAIR

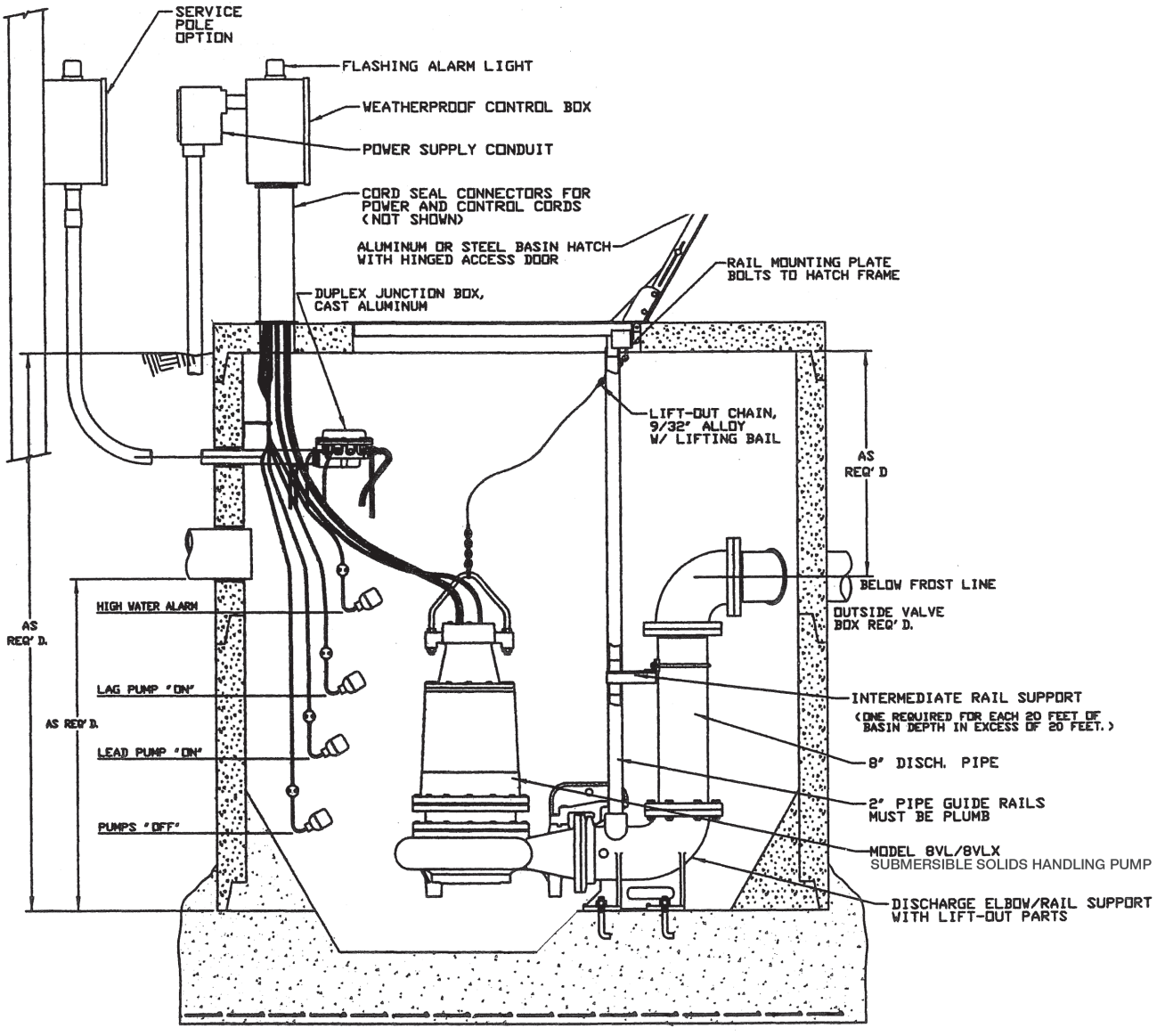
MYERS®

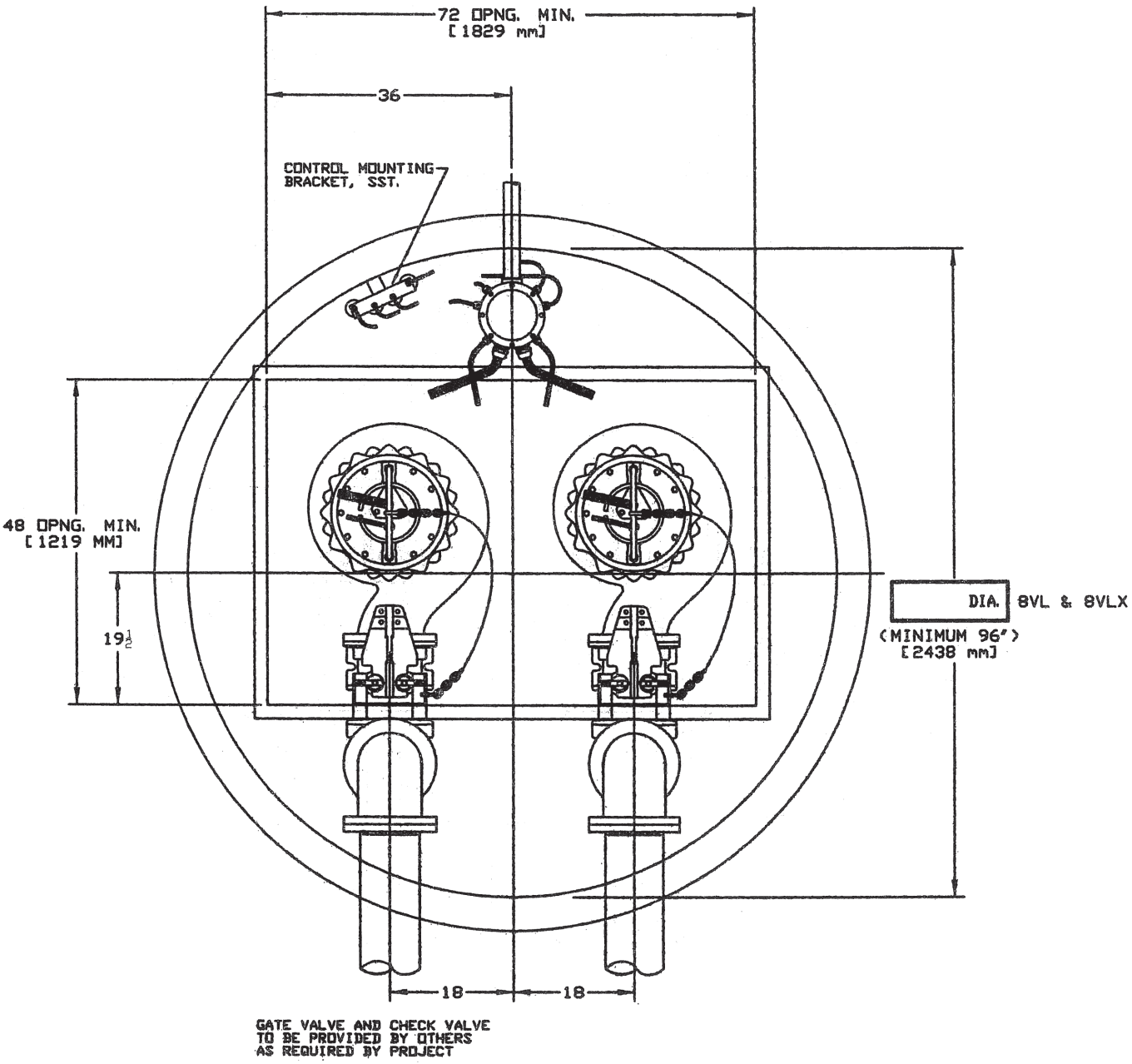
Typical Installation

8VL and 8VLX

Duplex 8" Submersible Solids Handling

Lift Out Models: (SRA/SRAX-88)




72 OPNG. MIN.
[1829 mm]
36
CONTROL MOUNTING
BRACKET, SST.
48 OPNG. MIN.
[1219 MM]
19½
DIA. 8VL & 8VLX
(MINIMUM 96")
[2438 mm]
18
18
GATE VALVE AND CHECK VALVE
TO BE PROVIDED BY OTHERS
AS REQUIRED BY PROJECT

PENTAIR

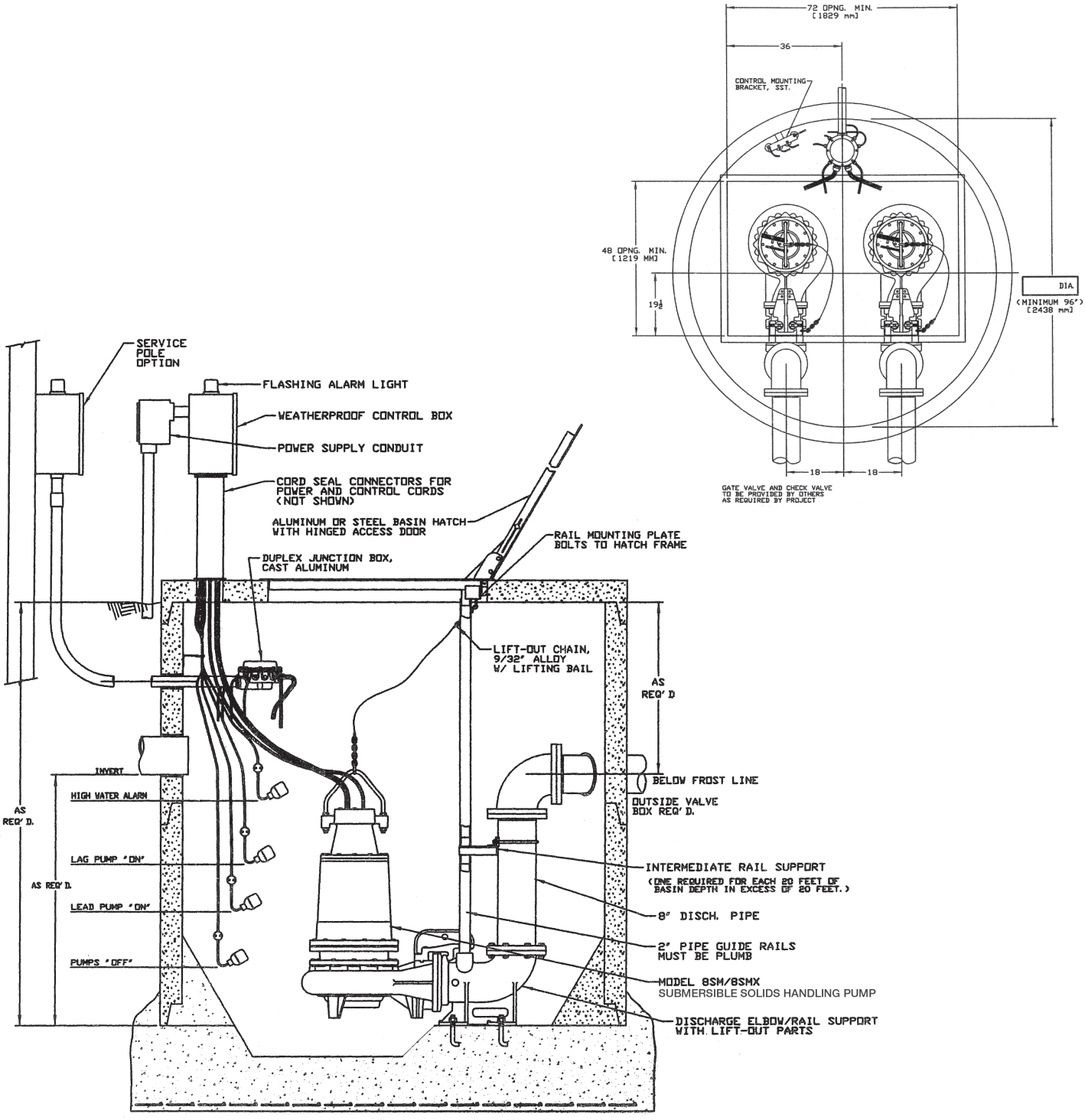
MYERS®

Typical Installation

8SM and 8SMX

Duplex 8" Submersible Solids Handling

Lift Out Models: (SRA/SRAX-88)



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PENTAIR

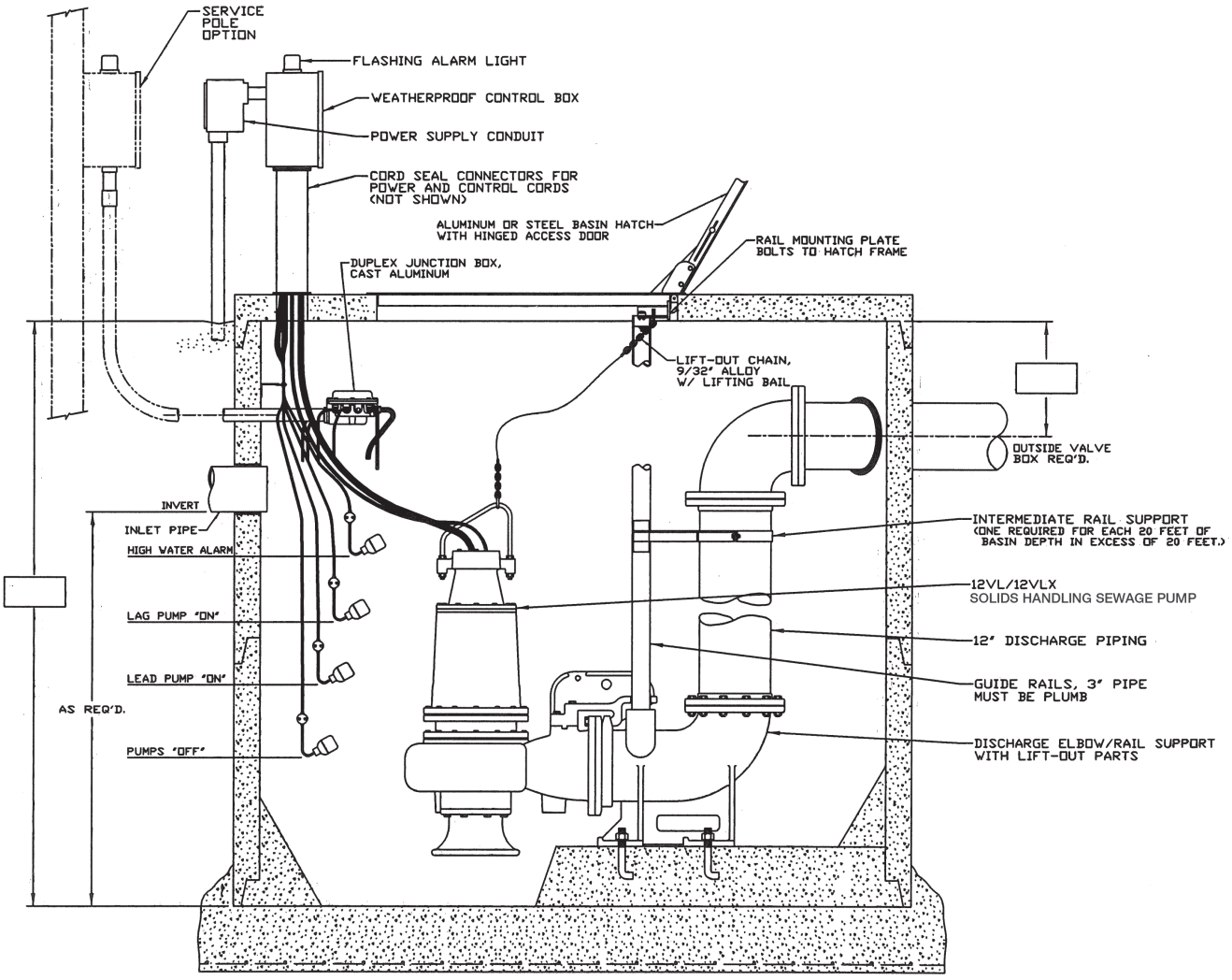
MYERS®

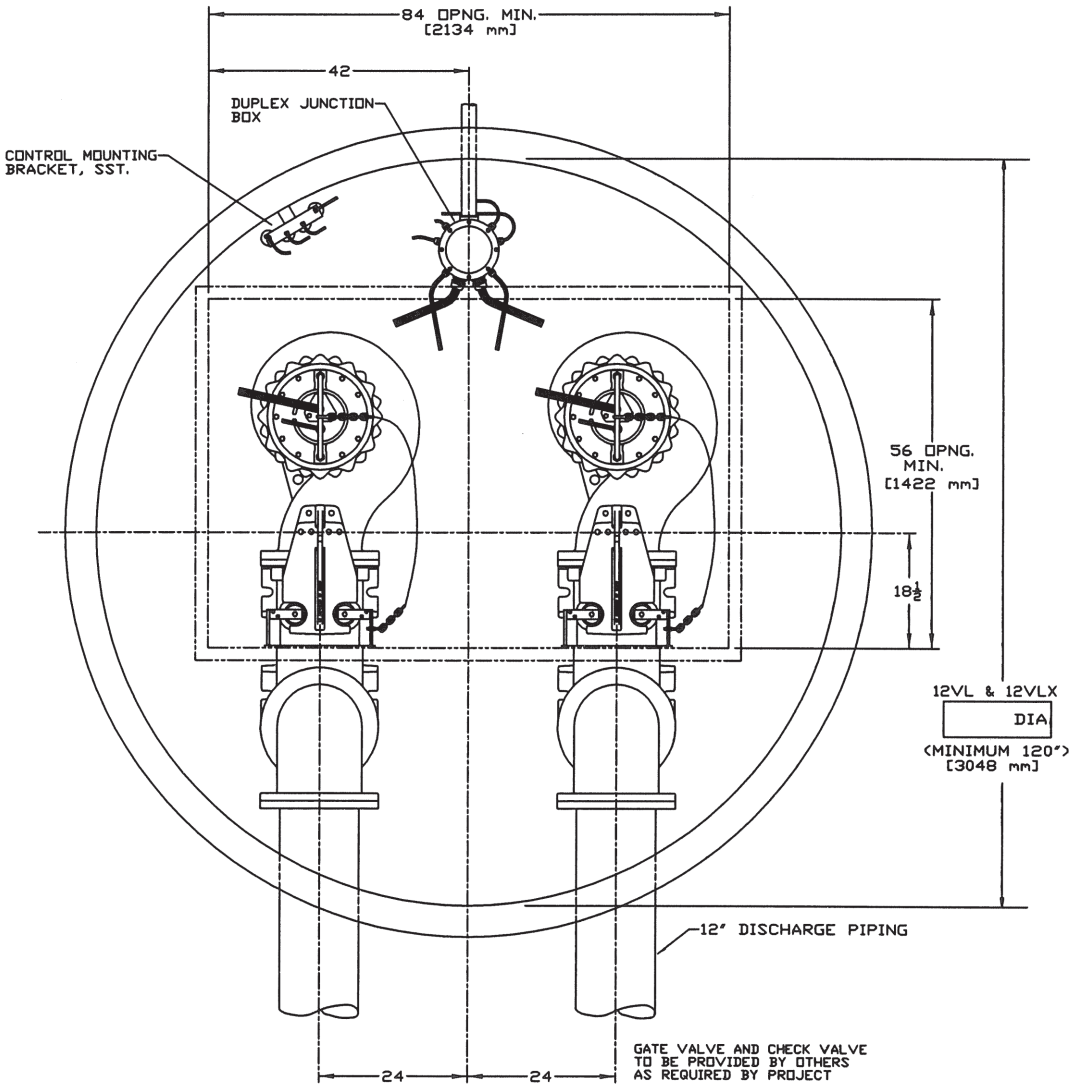
Typical Installation

12VL and 12VLX

Duplex 12" Submersible Solids Handling

Lift Out Models: (SRA/SRAX-1212)




84 OPNG. MIN.
[2134 mm]
42
DUPLEX JUNCTION BOX
CONTROL MOUNTING BRACKET, SST.
56 OPNG. MIN.
[1422 mm]
18½
12VL & 12VLX
DIA
(MINIMUM 120")
[3048 mm]
12" DISCHARGE PIPING
GATE VALVE AND CHECK VALVE TO BE PROVIDED BY OTHERS AS REQUIRED BY PROJECT
24
24