



EBARA

Submersible Propeller Pump

Type DSZ4

APPLICATIONS

- Lifting and drainage for civil and agricultural projects
- Irrigation water supply
- Drainage for general purposes
- Raw water intake
- Flood control
- Sea water applications (as option)

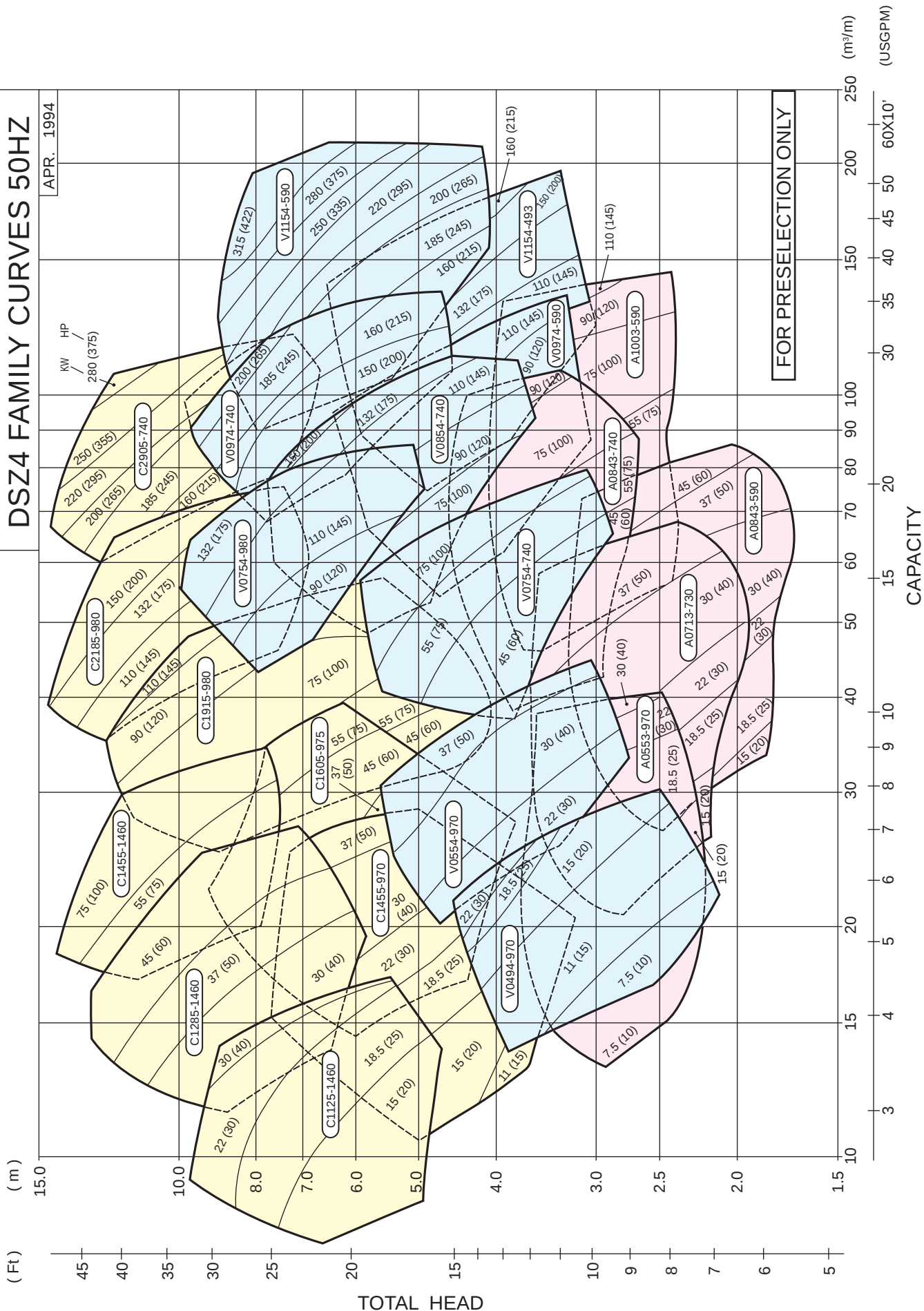
FEATURES

- Compact with easy, boltless installation, this pump can be removed without workmen entering the pit.
- Small column bore sizes can be selected. Gears used with large capacity pumps provide an easy to handle pump-driver unit.
- High efficiency. Designed to inhibit cavitations.
- Can be adapted to any local voltage and voltage fluctuation.
- Range of models up to 300mm discharge size and 45kW available.



DSZ4 FAMILY CURVES 50HZ

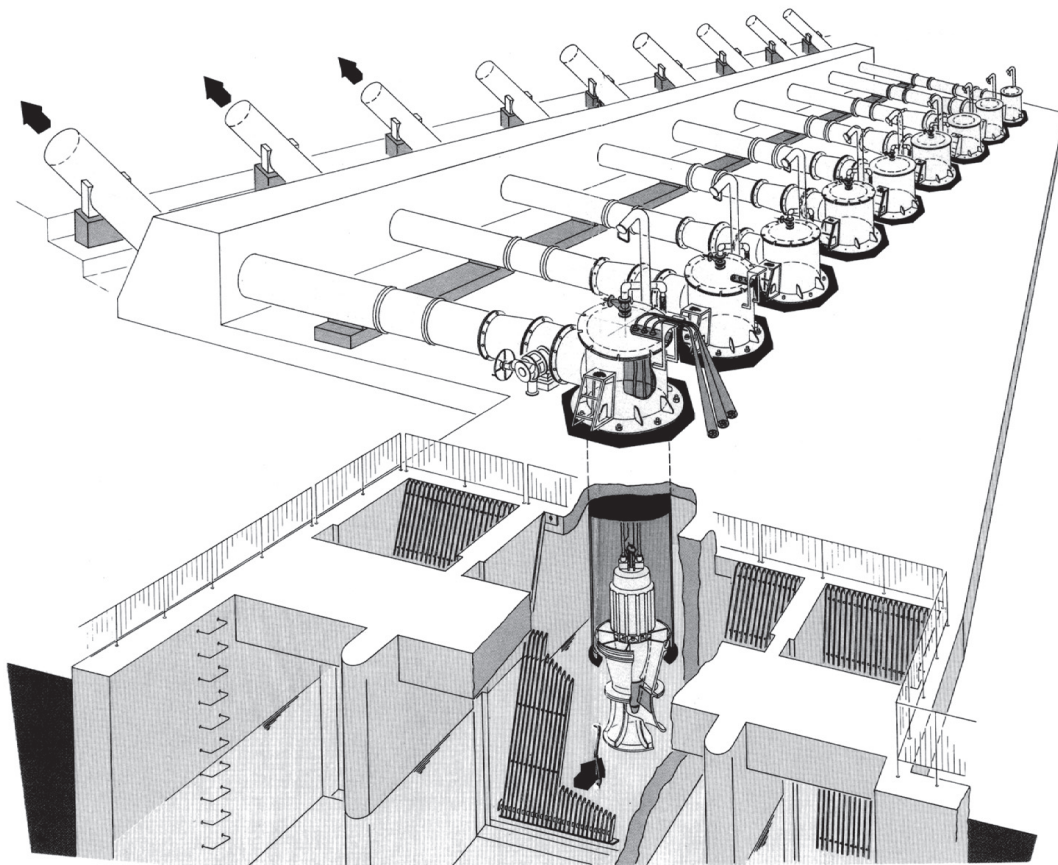
APR. 1994

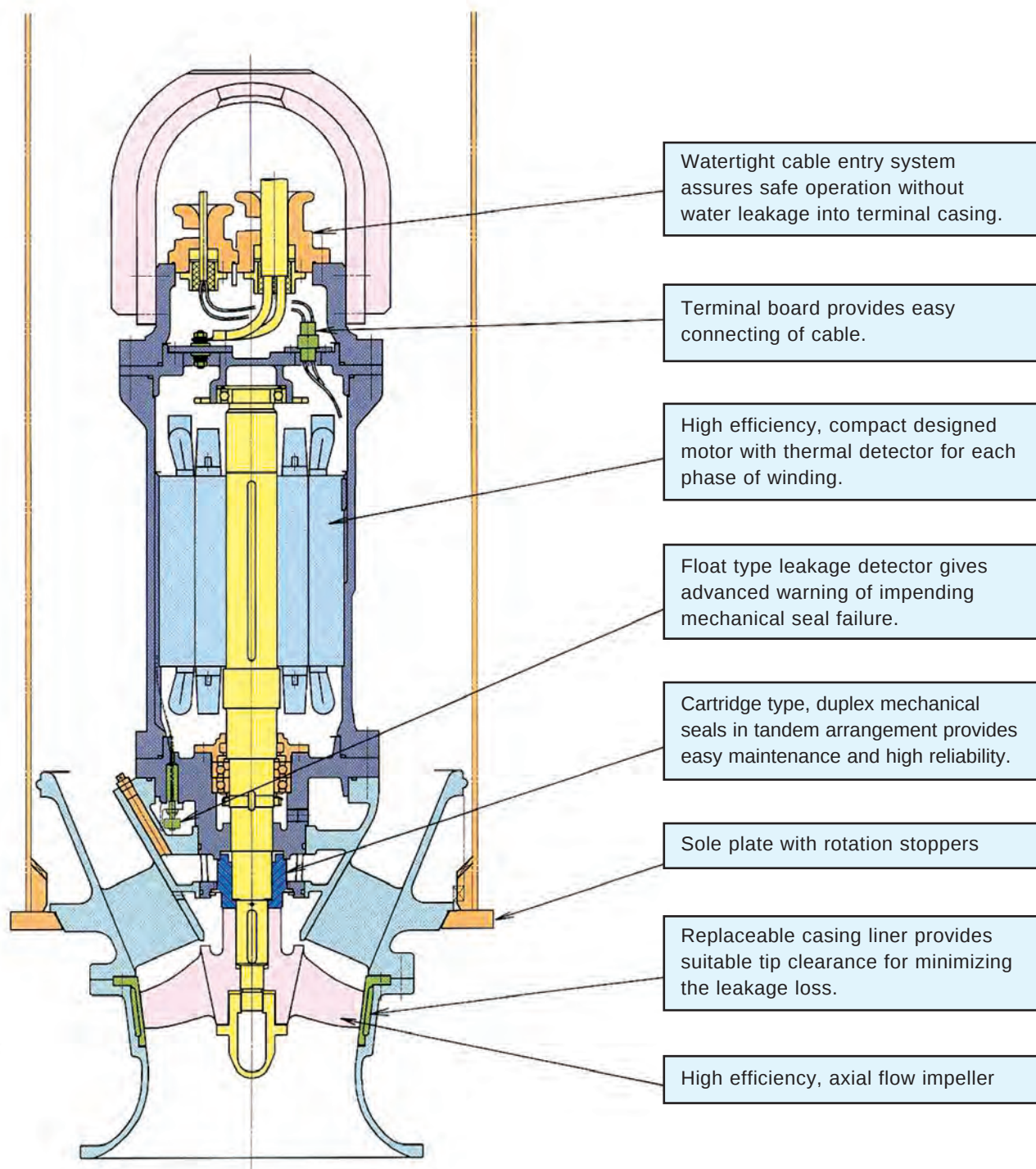


SPECIFICATIONS

		Standard	Option
Design	Bore (column dia.)	500 ~ 1600 mm (20~64 in.)	
	Capacity	13 ~ 350 m ³ / min. (3400 ~ 92000 USGPM)	
	Head	1.5 ~ 20 m (4.9 ~ 65.6 ft.)	
	Driver output	7.5 ~ 450 kW (10 ~ 603 HP)	
Water Temperature		0 ~ 40°C (32 ~ 104°F)	
Materials	Casing	Cast iron	Ductile Ni-Resist
	Impeller	Bronze	Stainless steel
	Casing wearing ring	-	Bronze or Stainless steel
	Shaft	Stainless steel	Stainless steel
	Motor frame	Cast iron	Ductile Ni-Resist
Construction	Shaft seal	Double mechanical seal	
	Impeller type	Axial or Mixed flow	
	Bearing	Anti-friction bearing	
	Motor type	Air filled watertight	
	Insulation	Class F	
	Cable	Rubber insulated flexible cable	
	Starting method	Line start or star delta start	Auto transformer
	Motor protection	Built-in thermal detector, and leakage detector	3E Relay
	Cable connection	Electric terminal casing and tapered gland packing	Wire to wire and mold type cable

STORM WATER, EFFLUENT, RAW WATER PUMPING, etc.

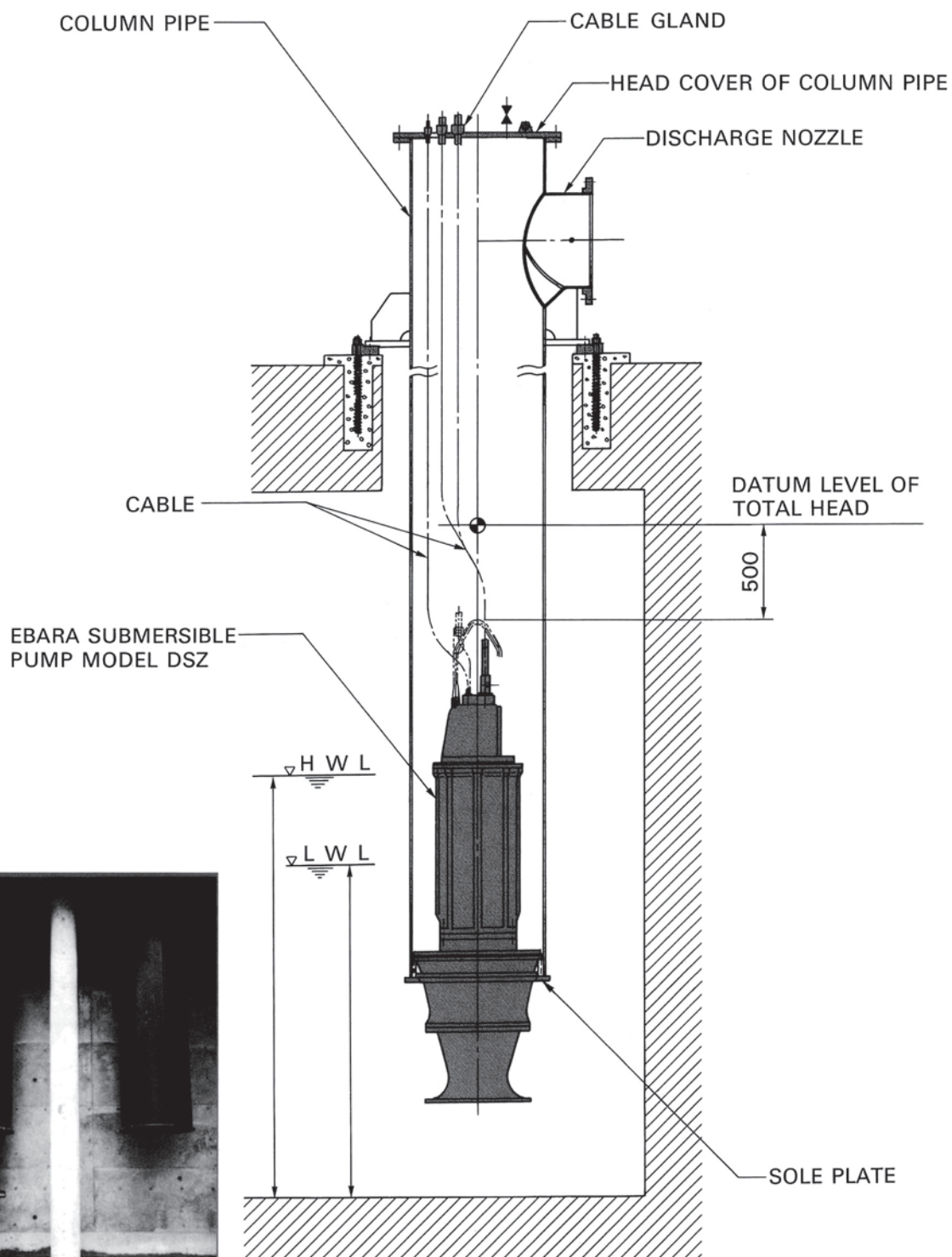


DESIGN AND FEATURES**WIDE RANGE OF APPLICATIONS**

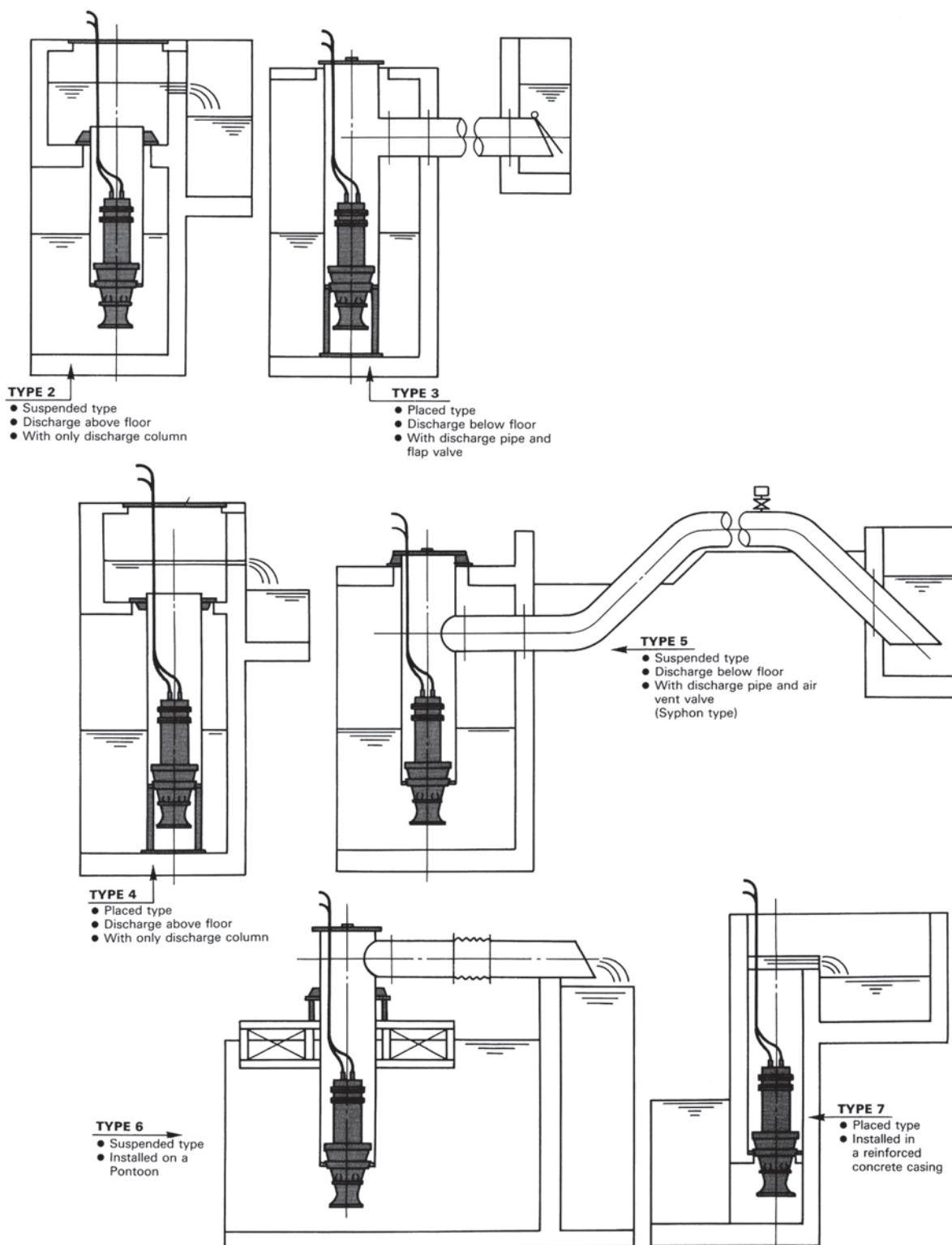
STORM WATER, EFFLUENT, RAW WATER, ETC.

TYPICAL INSTALLATION CONFIGURATIONS

Type 1



TYPICAL INSTALLATION CONFIGURATIONS



* Dimensional details are provided for reference only.

* All specifications are subject to change without prior notice.



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