



ITEM QTY. DESCRIPTION

①	1 EA.	UNDER PIPE SUPPORT PER SBMWD STD. DWG. W6.28
②	1 EA.	20" DIA. 5/16" WALL, STEEL CASING PIPE
③	1 EA.	REINFORCED CONCRETE BASE
④	---	2" STEEL SOUNDING TUBE W/THREADED CAP (FABRICATE FROM 2" STEEL ELEC. CONDUIT SWEEP & WELD TO CASING) ALL INTERIOR WELDS TO BE GROUND SMOOTH.
⑤	1 EA.	CASING VENT (2" STEEL TEE W/THREADED PLUG AND SCREENED 2" 90 STREET BEND) UNDER PIPE SUPPORT PER SBMWD STD. DWG. W6.28
⑥	1 EA.	3" STEEL GRAVEL MAKE-UP PIPE (WELD TO EXISTING) W/THREADED CAP
⑦	1 EA.	VICTAULIC COUPLING FROM THE WATER DEPARTMENT APPROVED LIST W/SCH 40 MILLED END WELD ADAPTORS
⑧	__ L.F.	SCH. 40 STEEL PIPE
⑨	1 EA.	PUMP MOTOR
⑩	1 EA.	WATER METER PER SBMWD STD. DWG. W1.15 APPROVED METER LIST (TOTALIZER TO READ IN 100 CUBIC FEET)
⑪	3 EA.	__" WELD FLANGE
⑫	1 EA.	__" CHECK VALVE (EXTERNAL SWING TYPE SPRING AND LEVER) (MUELLER #A-2600-6-02 OR EQUAL) UNDER PIPE SUPPORT PER SBMWD STD. DWG. W6.28
⑬	2 EA.	__" 45° STEEL BEND (WELD)
⑭	1 EA.	CONDUCTOR CASING
⑮	1 EA.	2" COMBINATION AIR/VACUUM RELEASE VALVE
⑯	1 EA.	3/4" WATER SAMPLING PORT W/STAINLESS STEEL BALL VALVE
⑰	1 EA.	__" HAND OPERATED BUTTERFLY VALVE
⑱	1 EA.	SIMFLO PUMPS STEEL DISCHARGE HEAD A-53B/A-36 OR APPROVED EQUAL
⑲	---	POURED CONCRETE PUMP BASE (6 SAC MIX CHAMFER ALL EDGES TO 1")

REVISION DATE: 1/9/2013

		SAN BERNARDINO MUNICIPAL WATER DEPARTMENT		DRAWING NUMBER	
		TYPICAL VERTICAL TURBINE SECTION		SBMWD	
F.D.L.	JAN. 13	APPROVED DATE 07/04/2019		W9.2	
D.D.M.	APR. 11				
REVISION	DATE				
SCALE: NONE		WARREN HUANG, P.E. RCE 49208			