

PUMPING STATIONS	DIMENSIONS	ELEV. AT CONST.	PUMPING STATIONS	DIMENSIONS	ELEV. AT CONST.
DIM A		—	DIM L	4'-0" MIN.	—
DIM B		—	ELEV M	4'-8" MIN.	
DIM C		—	ELEV S	—	
DIM D	*	—	ELEV T	—	
DIM E	*	—	ELEV U	—	
DIM F	*	—	ELEV V	—	
DIM G	*	—	ELEV W	—	
DIM H	*	—	ELEV X	—	
DIM J	6'-0" MIN.	—	ELEV Y	—	
DIM K	4'-0" MIN.	—	ELEV Z	—	

* PER PUMP MANUFACTURERS REQUIREMENT

GENERAL NOTES:

- 1.) ALL EXPOSED METAL SHALL BE PAINTED WITH 2 COATS OF INDUSTRIAL EXTERIOR ENAMEL, GLIDDEN HUNTER GREEN, (HEX#355E3B) OR CITY APPROVED EQUAL.
- 2.) WET WELL AND VALVE VAULT SHALL BE COATED WITH COAL TAR INSIDE AND OUT EXCEPT TOP SURFACE OF COVERS. (TWO COATS, 9 MILS EACH.)
- 3.) BASE AND FIRST RISER UNIT TO BE CAST MONOLITHIC.
- 4.) VALVE VAULT SHALL BE SIZED TO PERMIT EASY REMOVAL OF CHECK VALVE SPINDLES WITH MINIMUM CLEARANCES AS SHOWN FOR 6" DIAMETER PIPE AND SMALLER. CLEARANCES SHALL INCREASE AS REQUIRED FOR LARGER PIPE SIZES.
- 5.) VALVE VAULT SHALL HAVE SEALED FLOOR AND DRAIN.
- 6.) ALL LOCATIONS WHERE PIPES ENTER OR LEAVE THE WET WELL OR VALVE VAULT SHALL BE MADE WATERTIGHT WITH WALL SLEEVE OR NON-SHRINK GROUT.
- 7.) THERE SHALL BE NO VALVES OR ELECTRICAL JUNCTION BOXES IN WET WELL.
- 8.) WET WELL AND VALVE VAULT COVERS SHALL BE ALUMINUM WITH 316 S.S. HARDWARE AND LOCK BRACKET. SIZE AS REQUIRED BY PUMP MANUFACTURER AND APPROVED BY THE CITY.
- 9.) FLEXIBLE COUPLING SHALL BE SLEEVE TYPE.
- 10.) PUMPS SHALL BE:

MANUFACTURER: WIL0-EMU; MODEL: _____; IMP: _____; DIA: _____;
 MM, SPEED: _____ RPM; DISCHARGE SIZE: _____ IN.; VOLTAGE: _____;
 HZ.: _____; PHASE: _____; H.P.: _____;
 MIN. SOLID SIZE: _____ IN.; CURVE: _____.

MANUFACTURER: FLYGT; MODEL: _____; IMP: _____; DIA: _____;
 MM, SPEED: _____ RPM; DISCHARGE SIZE: _____ IN.; VOLTAGE: _____;
 HZ.: _____; PHASE: _____; H.P.: _____;
 MIN. SOLID SIZE: _____ IN.; CURVE: _____.

- 11.) OPERATING CONDITIONS SHALL BE _____ GPM AT _____ FEET TDH.
- 12.) ALL NUTS, BOLTS, WASHERS, ETC. IN WET WELL AND VALVE BOX TO BE 304 STAINLESS STEEL.
- 13.) APPLY TWO COATS OF CERAMIC EPOXY ON THE ENTIRE INSIDE OF EACH BASE ELBOW IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS INCLUDING COATING THICKNESS. SURFACE PREPARATION SHALL ALSO BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION. ACCEPTABLE COATINGS ARE BELZONA CERAMIC CARBIDE NO. 1811 OR ENGINEER APPROVED EQUAL.

CITY OF P.C.B.
 UTILITIES DEPARTMENT

PUMP STATION
 NOTES AND TABLE

S-12

REV.	DATE	
1	MAR '12	
2	APR '15
3	JUN '16	DATE OF APPROVAL