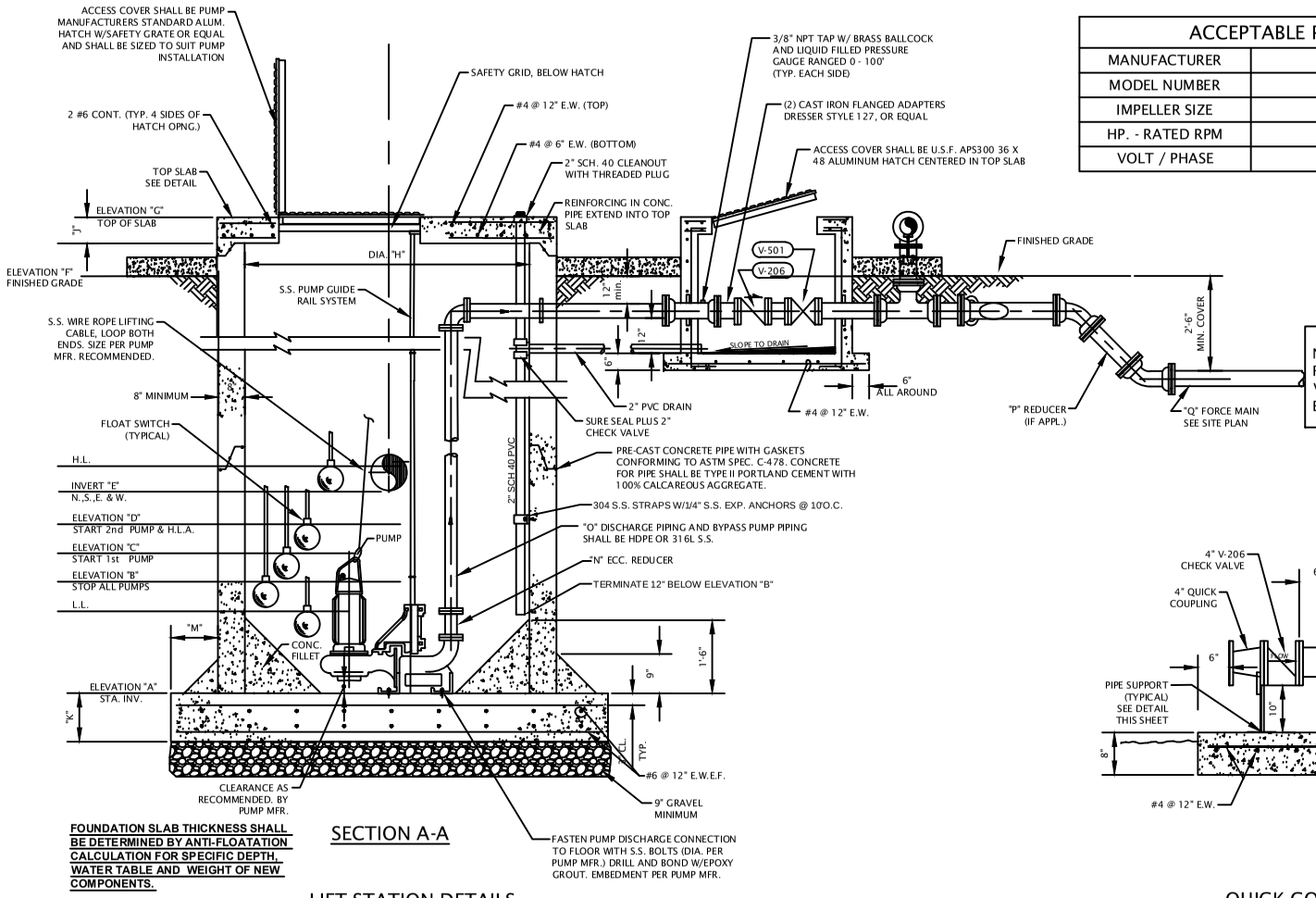
BAY COUNTY UTILITIES STANDARD DETAILS

SANITARY SEWER LIFT STATION AND VALVE VAULT SECTION



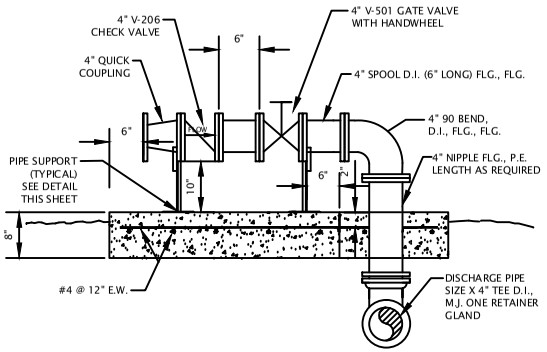
FOUNDATION SLAB THICKNESS SHALL BE DETERMINED BY ANTI-FLOATATION CALCULATION FOR SPECIFIC DEPTH, WATER TABLE AND WEIGHT OF NEW COMPONENTS.

SECTION A-A

LIFT STATION DETAILS

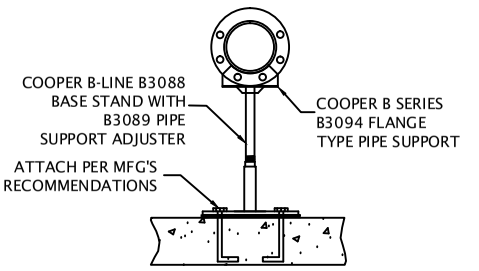
ACCEPTABLE PUMP ALTERNATES		
MANUFACTURER		
MODEL NUMBER		
IMPELLER SIZE		
HP. - RATED RPM		
VOLT / PHASE		

NOTE: IF APPLICABLE, ADD FLOW METER ASSEMBLY AND VAULT. THE VAULT SHOULD BE SIZED TO THE FLOW METER



QUICK CONNECT PIPING

P.S. NO.	DESIGN CONDITION	"A" STATION INVERT	"B" STOP PUMPS (LW.L.)	"C" START 1st PUMP	"D" START 2nd PUMP AND H.L.A	"E" "N" INFL. INVERT	"E" "S" INFL. INVERT	"E" "E" INFL. INVERT	"E" "W" INFL. INVERT	"F" FIN. GRADE	"G" TOP OF STATION	"H" STATION DIAMETER	"J" TOP SLAB THICKNESS	"K" FOUND. SLAB THICKNESS	"M" FOUND. SLAB FLANGE	"N" REDUCER (IF APPL.)	"O" DISCHARGE PIPE SIZE	"P" REDUCER (IF APPL.)	"Q" FORCE MAIN SIZE	"R" WALL THICKNESS
													12"		12"					8"



PIPE SUPPORT

DATE : SEP 2020
SCALE : NTS

FIGURE : WW-12