

LIFT STATION DATA	
TOP OF SLAB (ABOVE 100 YR. FLOOD)	EL "A"
*FINISH GRADE	EL "B"
℄ DISCHARGE PIPE	EL "C"
LOWEST INFLUENT LINE – INVERT/HIGH WATER ALARM	EL "E"
BACK UP LAG PUMP – ON	"E" – 3"
BACK UP LEAD PUMP – ON	"E" – 6"
LAG PUMP – ON (MAIN CONTROLLER)	"E" – 6"
LEAD PUMP – ON(MAIN CONTROLLER)	EL "F" "E" – 12"
BACK UP FLOAT LOW – OFF	EL "F" "E" – 12"
BOTH PUMPS – OFF	EL "G" "E" – 48"
PUMP SUCTION	EL "H" 4" ABOVE "I"
WET WELL BASE SLAB	EL "I" 6' BELOW EL "E"
PUMP SUCTION CLEARANCE	4" MIN. (EL "H" – EL "I")
PUMP DISCHARGE	DIA "J"
DIP EPOXY LINED OR HDPE PIPE	DIA "K"
COMMON FORCE MAIN	DIA "L"

*MAXIMUM 4" BELOW TOP OF SLAB (EL. "A")

LIFT STATION	MOTOR H.P.	VOLTAGE	DISTANCE TO FP&L SERVICE	WIRE SIZE	D.S.	MCB & ECB	MB1 & MB2	MOTOR STARTERS

MAXIMUM ALLOWABLE PUMP CAPACITY FOR SUBMERSIBLE LIFT STATIONS IS 1500 GPM

REVISED: SEPT-2009	SUBMERSIBLE LIFT STATION - REQUIRED DATA	STANDARD DETAIL
ISSUED: SEPT - 2009	CITY OF WEST PALM BEACH ENGINEERING SERVICES DEPT.	SLS-3