

PROJECT NO.	SHEET

PUMP STATION ____		
ITEM	DESCRIPTION	DIMENSIONS
A	WET WELL BASE DIAMETER	
B	WET WELL OUTSIDE DIAMETER	
C	WET WELL INSIDE DIAMETER	
D	CHECK VALVE	
E	GATE VALVE	
F	AIR RELEASE VALVE/VACUUM VALVE ASSEMBLY	
G	EMERGENCY CONNECTION DIAMETER	
H	FORCE MAIN DIAMETER	
I	WET WELL BASE REINFORCING	
J	WET WELL BEDDING MATERIAL THICKNESS	
K	WET WELL BASE THICKNESS	
L	316 S.S., SCH. 40 PIPE DIAMETER	
M	VENT PIPE DIAMETER	
N	WET WELL TOP REINFORCING	
O	WET WELL TOP THICKNESS	

PUMP STATION ____ REQUIRED PUMP CURVE (±5%)			
FLOW (GPM)	SHUT OFF		
HEAD (FT)			

PUMP STATION ____ - PUMP SCHEDULE				
CAPACITY (GPM)	HEAD (FT)	MIN.EFF. (±5%)	RPM	PUMP DISCHARGE (IN)

PUMP STATION ____ PUMP CONTROL SETTINGS AND DIMENSIONS		
CONTROL POINT	ELEV.	HEIGHT*
100 YR FLOOD ELEVATION		
NATURAL GROUND @ SITE		
E9 - FORCE MAIN HEADER CENTERLINE		
E8 - TOP OF WET WELL		
E7 - LOWEST INFLUENT INVERT		
E6 - HIGH LEVEL ALARM (FLOAT SWITCH)		
E5 - HIGH LEVEL ALARM PUMP 2 ON		
E4 - LEAD PUMP ON		
E3 - PUMP OFF		
E2 - LOW LEVEL ALARM		
E1 - WET WELL INVERT ELEVATION		

* HEIGHT FROM INVERT OF WET WELL

DESIGN ENGINEER STAMP
AND SIGN HERE

FOR INFORMATIONAL PURPOSES ONLY

STANDARD PLAN NO. 805-18	DATED NOVEMBER 12, 2019	SHEET NO. 2 OF 2
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**SUBMERSIBLE GRINDER
PUMP STATION DETAILS
(TYPE IA STATION)**

ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE			
DESIGNED A. SMITH	DRAWN S. CORTEZ	CHECKED	APPROVED

DATE	DESCRIPTION REVISIONS	BY