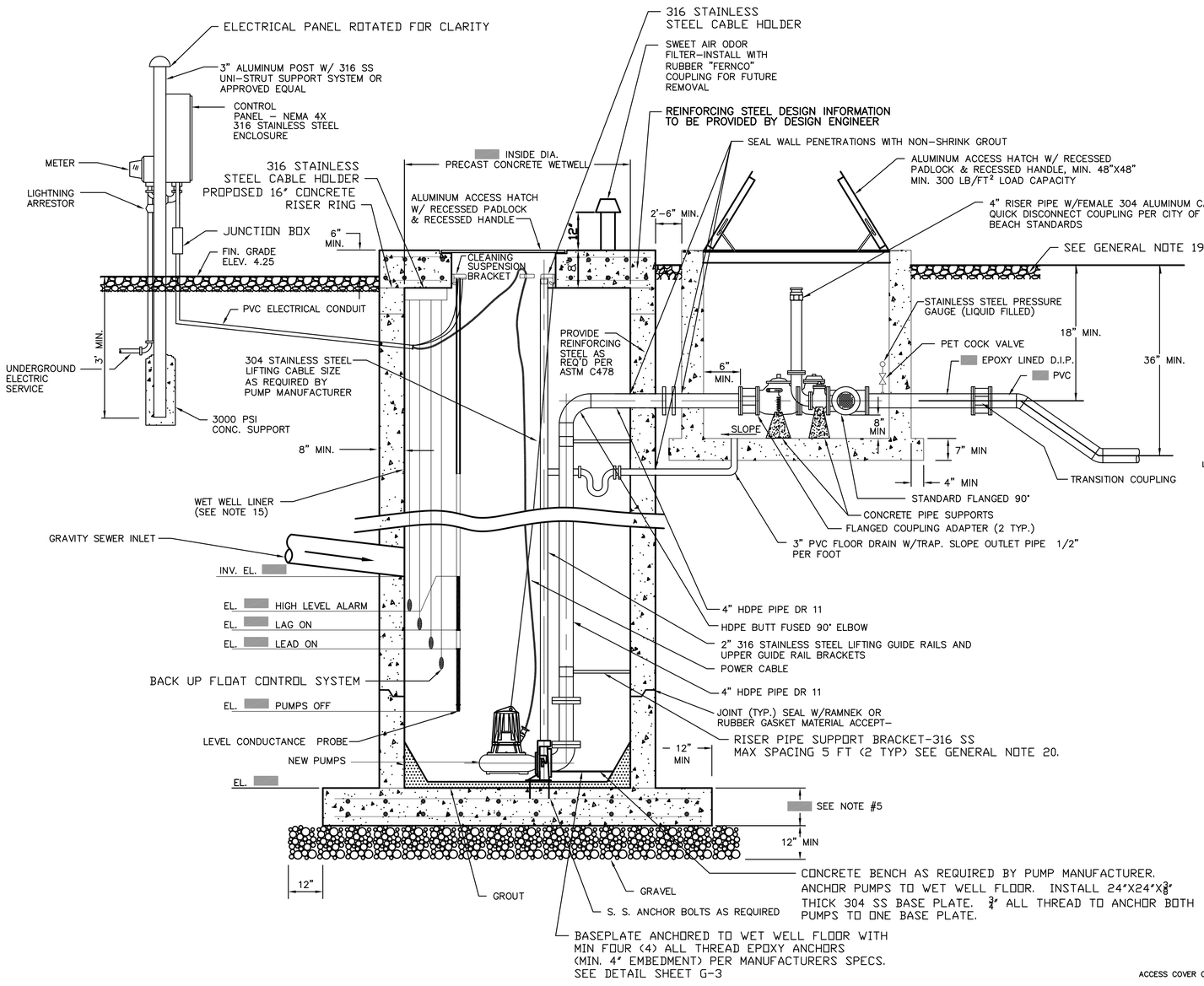
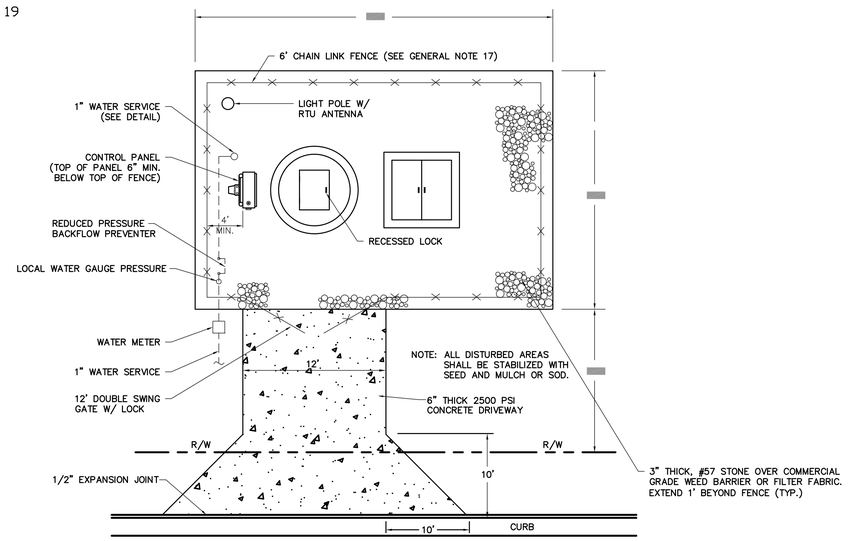
SEWAGE LIFT STATION DETAILS



SECTION A-A



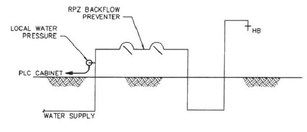
LIFT STATION SITE PLAN

N.T.S.

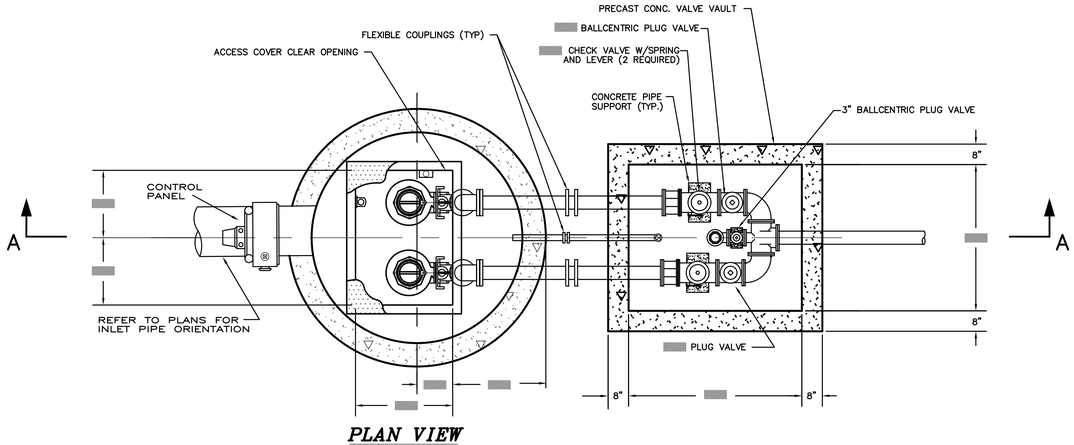
PUMP DATA AND DESIGN CHARACTERISTICS	
NUMBER OF PUMPS	
DESIGN CAPACITY PER PUMP, G.P.M.	
TOTAL DYNAMIC HEAD, FT.	
MIN. EFF. AT DESIGN CAPACITY, %	
DESIGN SPEED, MAX R.P.M.	
MAX. HORSEPOWER PER PUMP, H.P.	
MIN. SHUTOFF HEAD, FT.	
MIN. SIZE SOLIDS, IN.	
MIN. DISCHARGE SIZE, IN.	
SECONDARY CAPACITY PER PUMP, G.P.M.	
SECONDARY HEAD, FT.	
PUMP MANUF. & MODEL NUMBER	
IMPELLER DIAMETER	
PUMP R.P.M.	
ELECT. SVC. – VOLTAGE & PHASE	

NOTE TO DESIGN ENGINEER:

1. SHADED BOXES ( ) INDICATE INFORMATION REQUIRED TO BE PROVIDED BY DESIGN ENGINEER (e.g., ELEVATIONS, DIMENSIONS OR PIPE SIZES)
2. ENGINEER IS REQUIRED TO SHOW UNDERGROUND PIPING ARRANGEMENT (SANITARY, F.M., WATER) IN THE SITE PLAN
3. MINIMUM VALVE VAULT DIMENSION ALLOWED IS 5'–0" x 5'–0"
4. MINIMUM SITE DIMENSION IS 30' X 30' FOR FENCE AREA.
5. BOTTOM SLAB THICKNESSES SHALL BE A MINIMUM OF 18" AND 7" FOR THE WETWELL AND VALVE VAULT, RESPECTIVELY. ENGINEER TO VERIFY IF ADDITIONAL THICKNESS IS REQUIRED.



1" WATER SERVICE DETAIL



PLAN VIEW