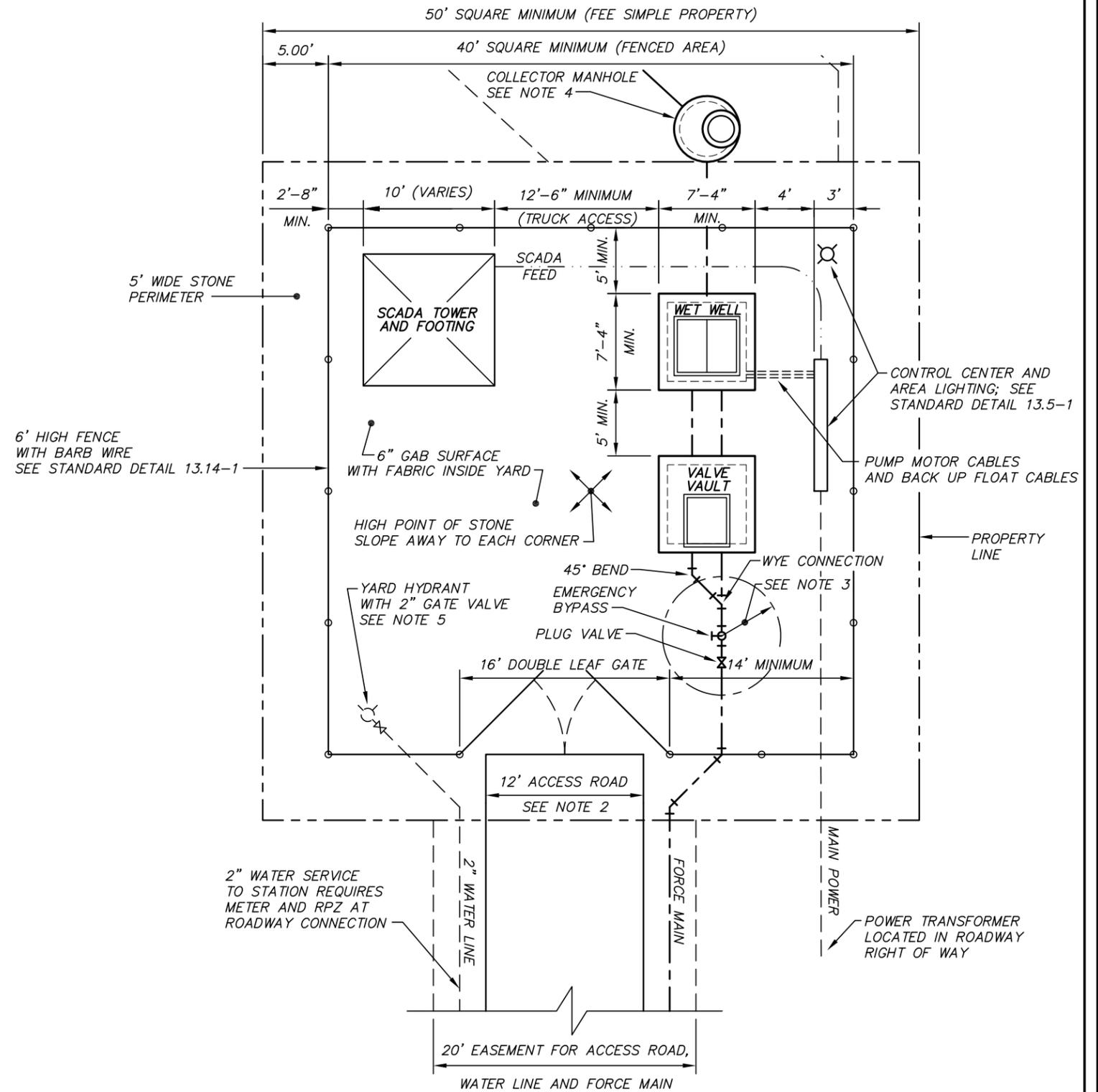


NOTES:

1. THIS DETAIL IS FOR GENERAL ARRANGEMENT AND DESIGN INFORMATION. EACH STATION MAY BE UNIQUE AND MAY REQUIRE A LARGER SIZE, WET WELL, ACCESS ROAD WITH A TURN AROUND ETC. ALL ACCESS ROADS THAT CANNOT BE STRAIGHT IN AND OUT WILL REQUIRE A TURN AROUND THAT CAN ACCOMMODATE A 40' LONG TANDEM AXLE TRUCK WITH A 45' MINIMUM TURNING RADIUS AND 10 1/2" VERTICAL CLEARANCE.
2. THE ACCESS ROAD MATERIAL SHALL BE AS SET FORTH WITHIN THE SPECIFICATIONS. ROAD SIDE DITCHES AND A CROSS DRAIN IS REQUIRED TO PREVENT ROAD WATER FROM TRAVELING DOWN ROADWAY INTO LIFT STATION YARD.
3. THE EMERGENCY BYPASS PUMP ASSEMBLY SHALL HAVE A MINIMUM OF A 7' CLEAR RADIUS AROUND THE COMPLETE ASSEMBLY. THE BYPASS 90° BEND SHALL BE 36" ABOVE FINISH GRADE.
4. THE WET WELL SHALL HAVE ONE INFLUENT SEWER LINE FROM THE COLLECTOR MANHOLE. THE COLLECTOR MANHOLE SHALL BE A MINIMUM OF 10' AWAY FROM THE WET WELL AND THE TOP FRAME AND COVER OF THE COLLECTOR SHALL BE A MINIMUM OF 1'-0" BELOW THE FINISH TOP ELEVATION OF THE WET WELL. THE COLLECTOR MANHOLE SHALL BE LOCATED OUTSIDE OF THE LIFT STATION YARD.
5. THE YARD HYDRANT SHALL BE NO FURTHER THAN 45' AWAY FROM THE CENTER OF THE WET WELL.
6. THE 2" WATER LINE AND THE FORCE MAIN SHALL BE INSTALLED ON OPPOSITE SIDES OF THE ACCESS ROAD AS SHOWN.
7. THE LIFT STATION YARD SHALL HAVE POSITIVE DRAINAGE FROM THE CENTER OF THE YARD AWAY TO EACH CORNER.



TYPICAL LIFT STATION SITE ARRANGEMENT PLAN DETAIL

SCALE: 1"=10'

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Revision No. \_\_\_\_\_ Date: \_\_\_\_\_

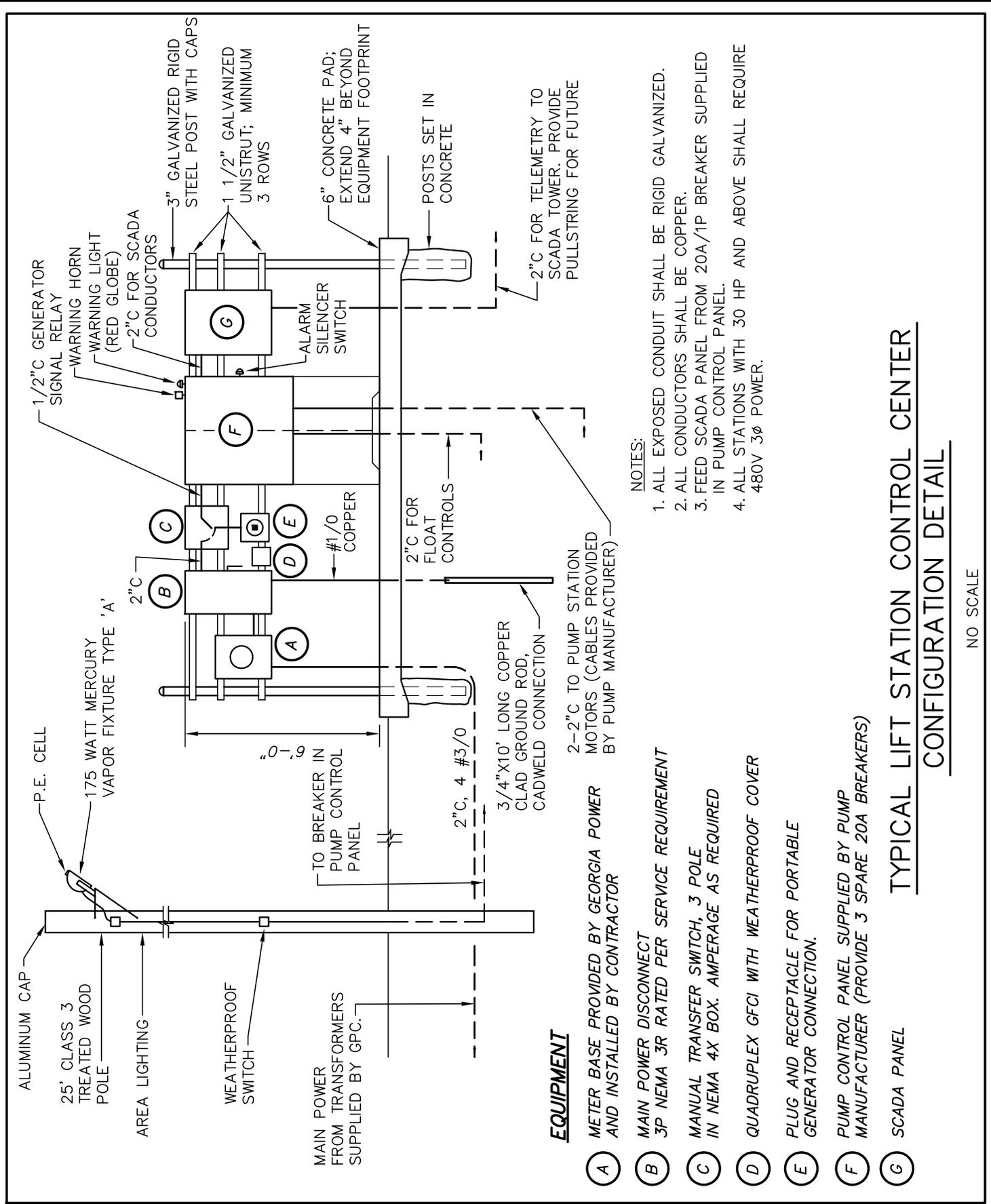
WATER  
UTILITY



ENGINEERING  
DEPARTMENT

STANDARD  
DETAIL NUMBER  
13.2-1





**EQUIPMENT**

- (A) METER BASE PROVIDED BY GEORGIA POWER AND INSTALLED BY CONTRACTOR
- (B) MAIN POWER DISCONNECT 3P NEMA 3R RATED PER SERVICE REQUIREMENT
- (C) MANUAL TRANSFER SWITCH, 3 POLE IN NEMA 4X BOX. AMPERAGE AS REQUIRED
- (D) QUADRUPLEX GFCI WITH WEATHERPROOF COVER
- (E) PLUG AND RECEPTACLE FOR PORTABLE GENERATOR CONNECTION.
- (F) PUMP CONTROL PANEL SUPPLIED BY PUMP MANUFACTURER (PROVIDE 3 SPARE 20A BREAKERS)
- (G) SCADA PANEL

**NOTES:**

1. ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED.
2. ALL CONDUCTORS SHALL BE COPPER.
3. FEED SCADA PANEL FROM 20A/1P BREAKER SUPPLIED IN PUMP CONTROL PANEL.
4. ALL STATIONS WITH 30 HP AND ABOVE SHALL REQUIRE 480V 3 $\phi$  POWER.

**TYPICAL LIFT STATION CONTROL CENTER CONFIGURATION DETAIL**

NO SCALE

Approved By: _____	Date: _____
Revision No. _____	Date: _____

WATER UTILITY



COLUMBIA COUNTY  
GEORGIA

ENGINEERING DEPARTMENT

STANDARD  
DETAIL NUMBER  
**13.5-1**