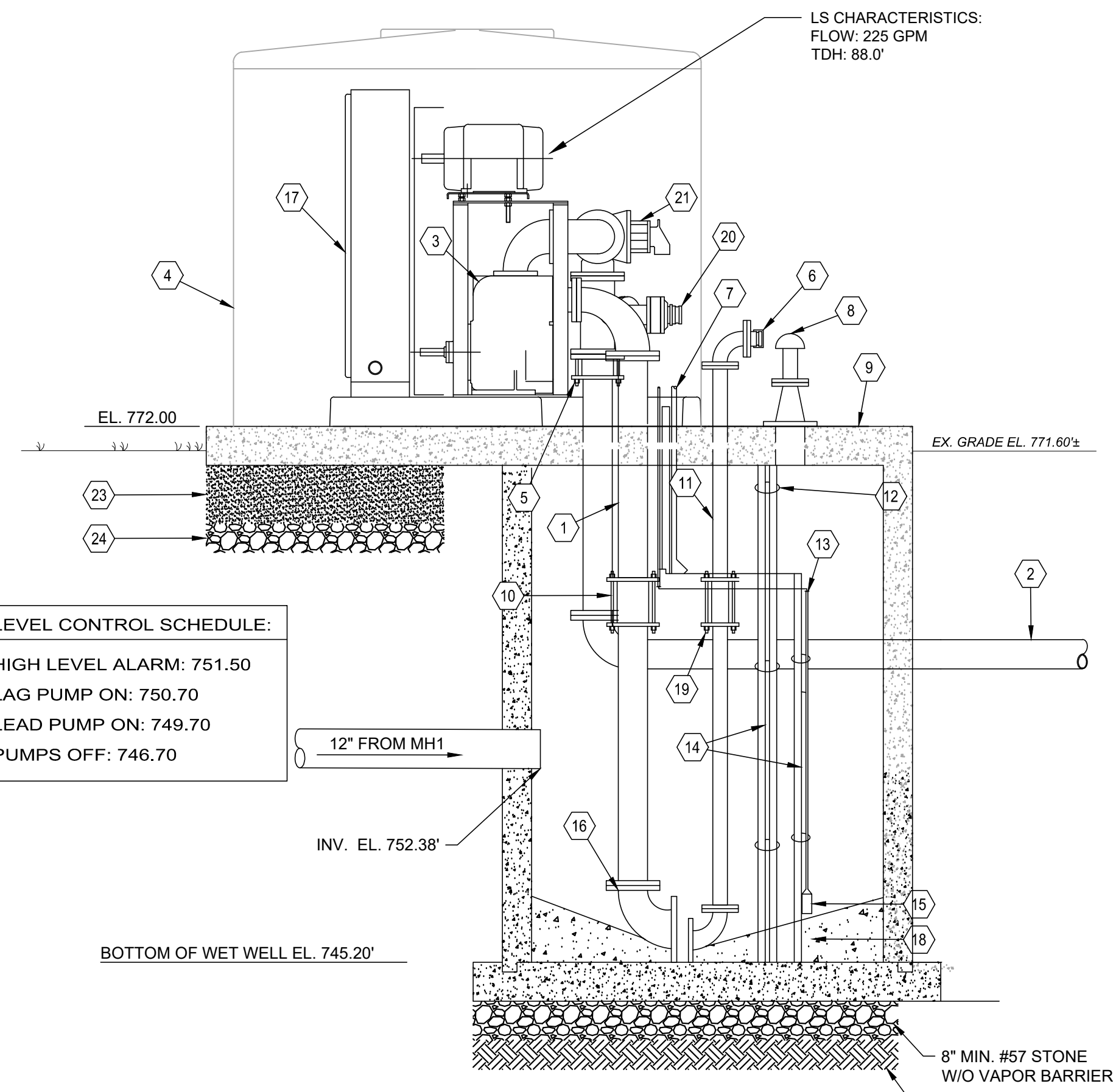


PLAN

PROVIDE 2'Ø CONCRETE COLUMN FOR SUPPORT PER SLAB MANUFACTURERS RECOMMENDATION



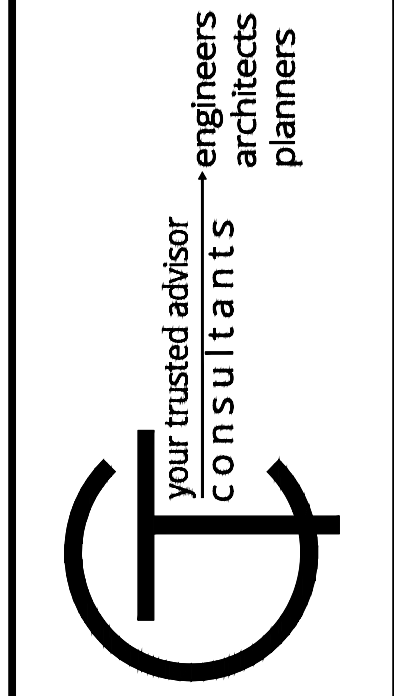
SECTION
CRACKEL LIFT STATION
SCALE: 1/2" = 1'-0"

LEVEL CONTROL SCHEDULE:
HIGH LEVEL ALARM: 751.50
LAG PUMP ON: 750.70
LEAD PUMP ON: 749.70
PUMPS OFF: 746.70

CODED NOTES

1. 6" DIP PUMP SUCTION (TYP. OF 2).
2. 6" DIP PUMP DISCHARGE.
3. PUMP (TYP. OF 2).
4. 8'x16' FIBERGLASS ENCLOSURE.
5. 6" COUPLING ADAPTER.
6. 3" DIP 90° ELBOW W/QUICK COUPLER & LOCKING DUST CAP.
7. 1 1/4" SCH. 80 PVC AIR RELEASE (TYP. OF 2).
8. 3" SS VENT.
9. 30"X36" ALUMINUM ACCESS HATCH W/SAFETY GRATE.
10. 6" COUPLING (TYP. OF 2).
11. 3" DIP SUCTION.
12. NYLON TIES.
13. 3/8" SCH 80 PVC BUBBLER W/CLEANOUT.
14. 1 1/2" SS SUPPORT POLE (TYP. OF 2).
15. LEVEL TRANSDUCER
16. 8"x6" DIP REDUCING ELBOW.
17. PUMP CONTROL PANEL.
18. CONCRETE FILLET (TYP.)
19. 3" COUPLING.
20. 3" QUICK COUPLER AND 4" PLUG VALVE ON FORCE MAIN.
21. 4" DISCHARGE CHECK VALVE.
22. 4" DISCHARGE PLUG VALVE.
23. 8" MIN. CONTROLLED DENSITY FILL, UNDERNEATH ENTIRE SLAB
24. 4" MIN. #57 STONE, UNDERNEATH ENTIRE SLAB.

LS CHARACTERISTICS:
FLOW: 225 GPM
TDH: 88.0'



NO	REVISION	DATE

ISSUED FOR:	EPA REVIEW	NO
ISSUE DATE:	1/17/20	
SCALE:	AS SHOWN	
DESIGNED BY:	ISC	
DRAWN BY:	ISC	
CHECKED BY:	KB	

CRACKEL SUBDIVISION
SANITARY SEWER - PHASE 3
- WEST UNION, OHIO -
CRACKEL LIFT STATION

PROJECT NO.	190123
DISCIPLINE	GENERAL
SHEET NAME	LS-PLAN
SHEET	19A
OF	25