



**NOTES:**

HYDROMATIC HPG-200 COMPLETE PACKAGED SEWER GRINDER LIFT STATION (EQUAL TO THE TG-PRO SYSTEM) TO INCLUDE THE FOLLOWING:

1. GRINDER PUMP WITH 2HP SUBMERSIBLE SINGLE PHASE MOTOR (ADEQUATE FOR SINGLE RESIDENCE UP TO 100' HEAD AT 5" IMPELLER DIA.)
2. TWO SEALED FLOAT TYPE MERCURY SWITCHES FOR LEVEL CONTROL
3. ONE FLOAT SWITCH FOR ALARM CONTROL
4. 1" NPT MALE CONDUIT OUTSIDE OF SUMP FOR CONTROL WIRING
5. DISCHARGE PIPING SHALL INCLUDE A CHECK VALVE, A GATE VALVE AND NPT FEMALE CONNECTION OUTSIDE OF SUMP (DIA. PER PRESSURE PIPE DIA.)
6. INFLUENT PIPING SHALL PROVIDE HUB FOR PVC PIPE OUTSIDE OF SUMP (DIA. PER SEWERS DIA.)
7. FIBERGLASS SUMP BASIN 24" I.D. x 5'-0" HIGH (PER BULLETIN SPG-604 (HYDROMATIC OR EQUAL))
8. NEMA 3R LOCKING CONTROL PANEL WITH GENERATOR HOOK-UP, MOUNTED OUTSIDE ON HOUSE WALL
9. RED ALARM LIGHT PANEL, MOUNTED OUTSIDE ON HOUSE WALL
10. SEE ADDITIONAL INFORMATION PER STANDARD SEWER DETAIL 14d GENERAL NOTES

**SINGLE FAMILY GRINDER PUMP STATION  
HYDROMATIC**

NOT TO SCALE

**DETAIL APPROVALS**  
**EDITOR** TMC  
**MANAGER** SJD

**NORTHSHORE UTILITY DISTRICT**  
2023 STANDARD SEWER DETAILS

**14a**

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