



#### NOTES:

#### GRINDER PUMP PROFILE

LIBERTY PUMP EPS91174 COMPLETE PACKAGED SEWAGE GRINDER PUMP STATION TO INCLUDE THE FOLLOWING:

- 2HP LSG-SERIES GRINDER PUMP, 208-230V, SINGLE PHASE (ADEQUATE FOR SINGLE RESIDENCE, UP TO 108' TOTAL DYNAMIC HEAD).
- THREE FLOAT TYPE MECHANICAL PILOT DUTY SWITCHES TO CONTROL PUMP AND HIGH LEVEL ALARM.
- JUNCTION BOX AND 2" CONDUIT BULKHEAD.
- PVC DISCHARGE PIPING SHALL INCLUDE CHECK VALVE, BALL VALVE, AND 1 1/4" DISCHARGE BULKHEAD.
- FIBERGLASS TANK WITH ANTI-FLOTATION FLANGE. 24" ID x 60" HIGH.
- 4" INLET HUB, UN-MOUNTED TO BE INSTALLED AT CORRECT DEPTH IN FIELD PER MANUFACTURER'S RECOMMENDATIONS.
- SIMPLEX CONTROL PANEL, NEMA 4X ENCLOSURE, WITH GENERATOR RECEPTACLE. INCLUDES HIGH LEVEL ALARM AND TOP RED BEACON. ENCLOSURE MOUNTED OUTSIDE ON HOUSE WALL
- SEE ADDITIONAL INFORMATION PER STANDARD SEWER DETAIL 14d GENERAL NOTES

## SINGLE FAMILY GRINDER PUMP STATION

### LIBERTY PUMPS

NOT TO SCALE

#### DETAIL APPROVALS

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**NORTHSHORE UTILITY DISTRICT**

2022 STANDARD SEWER DETAILS

**14c**

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