WALL MOUNTED NEMA 4X
ELECTRICAL QUICK DISCONNECT (EQD) FINISHED GRADE TO BE 1" TO 4" BELOW REMOVABLE LID AND SLOPE AWAY FROM STATION REQUIRED
HDPE ACCESSWAY COVER GENERATOR RECEPTACLE
1" - 4"
GRINDER PUMP BASIN
1 1/4" FEMALE PIPE THREAD, 1 1/4" PACK JOINT COUPLING MIPXPACK, FORD C86-55. STIFFENER INSERT (POLY PIPE)
ePDM INLET GROMMET
2% MIN - FROM THE HOUSE
SIDR 7, 250 PSI POLYETHYLENE PIPE, SEE DETAIL 14d "TYPICAL DISCHARGE PIPING"
CONCRETE ANCHOR
6" MINIMUM DEPTH BEDDING MATERIAL, PER THE SPECIFICATIONS
GRINDER PUMP PROFILE
NOTES:
ENVIRONMENTAL ONE (E-ONE) DH071 COMPLETE PACKAGED SEWAGE GRINDER PUMP STATION TO INCLUDE THE FOLLOWING:
 ONE SIMPLEX GRINDER PUMP WITH 70 GAL CAPACITY AND HDPE BASIN (ADEQUATE FOR SINGLE RESIDENCE) ASSEMBLED IN THE BASIN – NEMA 6P ELECTRICAL QUICK DISCONNECT, PUMP REMOVAL SYSTEM, STAINLESS STEEL DISCHARGE ASSEMBLY/SHUT-OFF VALVE, AND ANTI-SIPHON VALVE/CHECK VALVE

- 3. NEMA 4X ALARM PANEL EQUIPPED WITH CIRCUIT BREAKERS AND NECESSARY INTERNAL WIRING CONTROLS
- 4. DISCHARGE PIPING SHALL INCLUDE FEMALE PIPE THREAD FOR PRESSURE PIPE CONNECTION (DIA. PER PRESSURE PIPE DIA, 1½" MIN)
- 5. INFLUENT PIPING SHALL PROVIDE INLET GROMMET FOR SDR 35 PVC PIPE (DIA. PER SIDESEWER DIA.)
- 6. ALARM PANEL, INCLUDING RED ALARM LIGHT AND GENERATOR RECEPTACLE, MOUNTED OUTSIDE ON HOUSE WALL
- 7. SEE ADDITIONAL INFORMATION PER STANDARD SEWER DETAIL 14d GENERAL NOTES

SINGLE FAMILY GRINDER PUMP STATION E-ONE

NOT TO SCALE

DETAIL APPROVALSEDITORTMCMANAGERSJD

NORTHSHORE UTILITY DISTRICT



2022 STANDARD SEWER DETAILS