	WALL MOUNTED NEMA 4X
DISCONNECT (EQD) — 4"	NISHED GRADE TO BE 1" TO BELOW REMOVABLE LID AND LOPE AWAY FROM STATION
	WET WELL VENT
	CONDUIT - 1" OR 14" 24" MIN COVER
	BUTTOM AND BE SEALED
1 1/4" FEMALE PIPE THREAD, 1 1/4" PACK JOINT COUPLING MIPXPACK, FORD C86-55. STIFFENER INSERT (POLY PIPE)	POWER AND ALARM CABLE
	27 MIN - FROM THE HOUSE
SIDR 7, 250 PSI POLYETHYLENE PIPE, SEE DETAIL 14d "TYPICAL DISCHARGE PIPING"	4" PVC GRAVITY SEWER, PER THE SPECIFICATIONS
	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:	

- 1. ONE SIMPLEX GRINDER PUMP WITH 70 GAL CAPACITY AND HDPE BASIN (ADEQUATE FOR SINGLE RESIDENCE)
- 2. 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, 1¼" 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 14c GENERAL NOTES

## SINGLE FAMILY GRINDER PUMP STATION E-ONE

NOT TO SCALE

 DETAIL APPROVALS

 EDITOR
 TMC

 ENG. DIR.
 SJD

## NORTHSHORE UTILITY DISTRICT



2025 STANDARD SEWER DETAILS