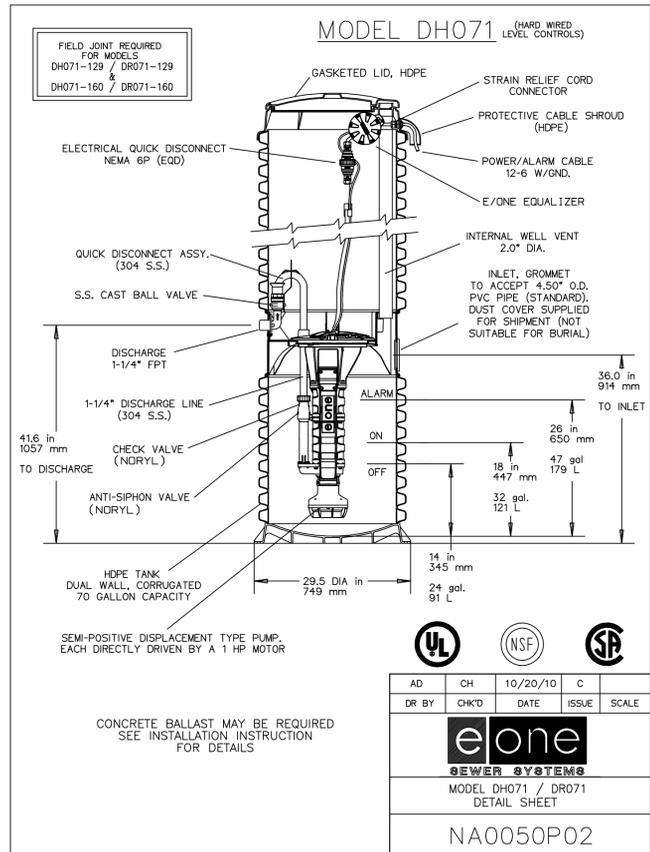
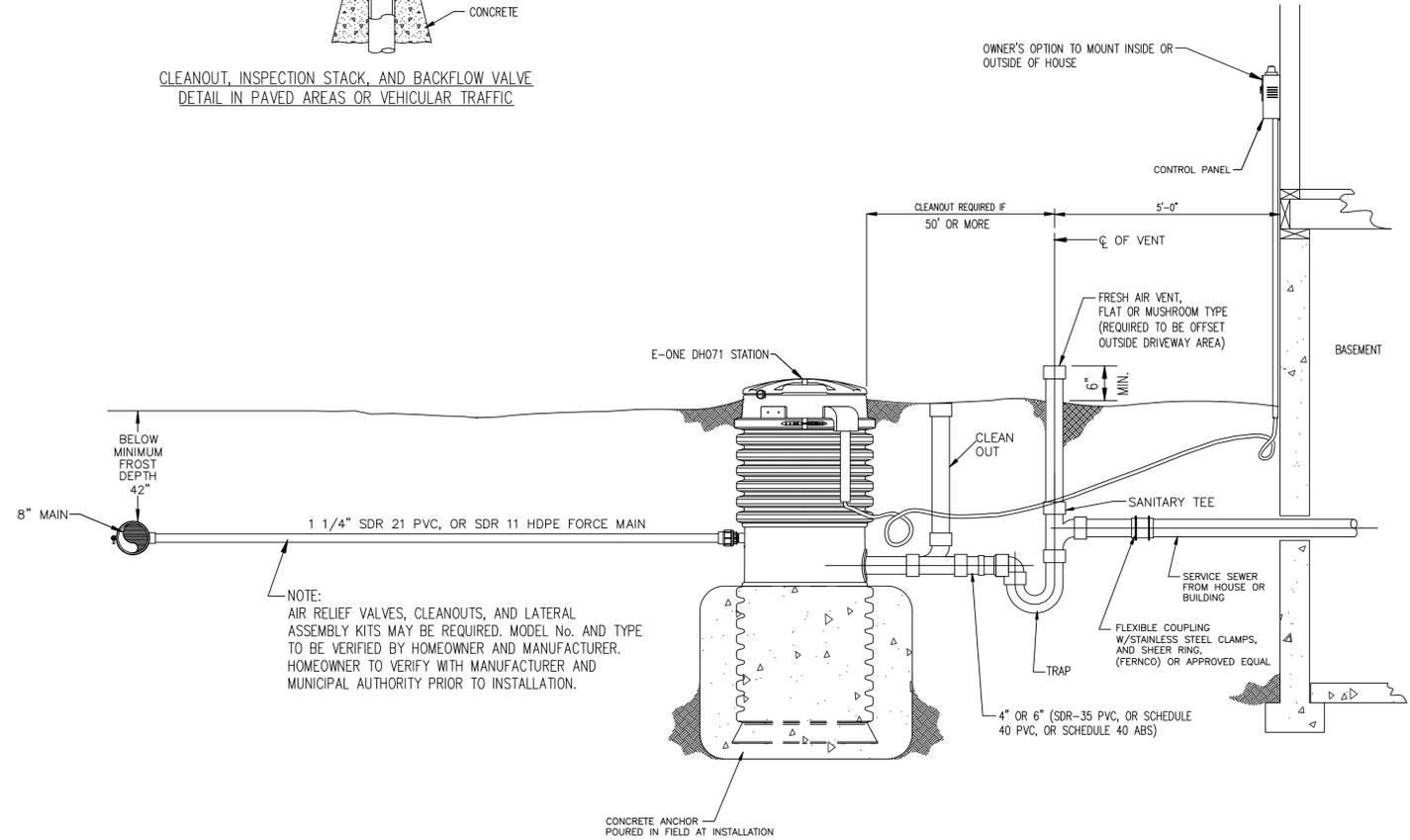


CLEANOUT, INSPECTION STACK, AND BACKFLOW VALVE  
DETAIL IN PAVED AREAS OR VEHICULAR TRAFFIC



AD	CH	10/20/10	C	
DR BY	CHK'D	DATE	ISSUE	SCALE
<b>eone</b> SEWER SYSTEMS				
MODEL DH071 / DR071 DETAIL SHEET				
NA0050P02				



TYPICAL INSTALLATION (BY HOMEOWNER)

- NOTES:
1. THE LATERAL PIPE SHALL BE EITHER 4" OR 6" DIAMETER PIPE. ALL PIPE, FITTINGS, CLEANOUTS, AND INSPECTION STACKS SHALL BE SDR 35 PVC, SCHEDULE 40 PVC, OR ABS SCHEDULE 40 PIPE.
  2. IN ALL CASES THE SEPTIC TANK MUST BE BY-PASSED.
  3. THE CLEAN-OUT AND INSPECTION STACK SHOULD BE BROUGHT TO GROUND LEVEL OR 2" BELOW GRADE PER DETAIL.
  4. THE FRESH AIR VENT SHALL BE ABOVE GROUND LEVEL TO PREVENT STORM WATER RUNOFF FROM ENTERING SANITARY SEWER.
  5. A CLEAN-OUT SHALL BE INSTALLED EVERY 100 FEET (6" PIPE) OR 50 FEET (4" PIPE), AND AT MAJOR CHANGES IN DIRECTION.
  6. INSTALL No. 57 STONE (2B) 4 INCHES BELOW PIPE FOR BEDDING AND ONE FOOT OVER TOP OF PIPE FOR SUPPORT AND PROTECTION.
  7. ALL YARD DRAINS, DRIVEWAY DRAINS, FRENCH DRAINS, DOWNSPOUTS, SUMP PUMPS AND ALL OTHER STORM WATER AND GROUND WATER CONVEYANCE AND COLLECTION DEVICES SHALL NOT BE CONNECTED INTO THE SANITARY SEWER.
  8. CAST IRON FRAME & COVER MUST BE USED IN PAVED AREA WHERE ANY VEHICULAR TRAFFIC OCCURS.

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		<b>GRINDER PUMP DETAIL</b>		<b>SENATE ENGINEERING COMPANY</b> ENGINEERS - PLANNERS - SURVEYORS UNIVERSITY OF PITTSBURGH APPLIED RESEARCH CENTER 420 WILLIAM PITT WAY, PITTSBURGH, PA. 15238-1330 PHONE (412) 826-5454 FAX (412) 826-5458	
REVISION No. 2, UPDATED PUMP MODEL NUMBER: GIZ 03/23/2012		DESIGN BY: HMB DATE: 03/15/2005			
REVISED: GIZ 08/25/2005		PREPARED FOR: MUNICIPAL AUTHORITY OF WASHINGTON TOWNSHIP		CHECKED BY: SHEET GP-1 OF GP-1	
REVISIONS BY DATE SEAL					