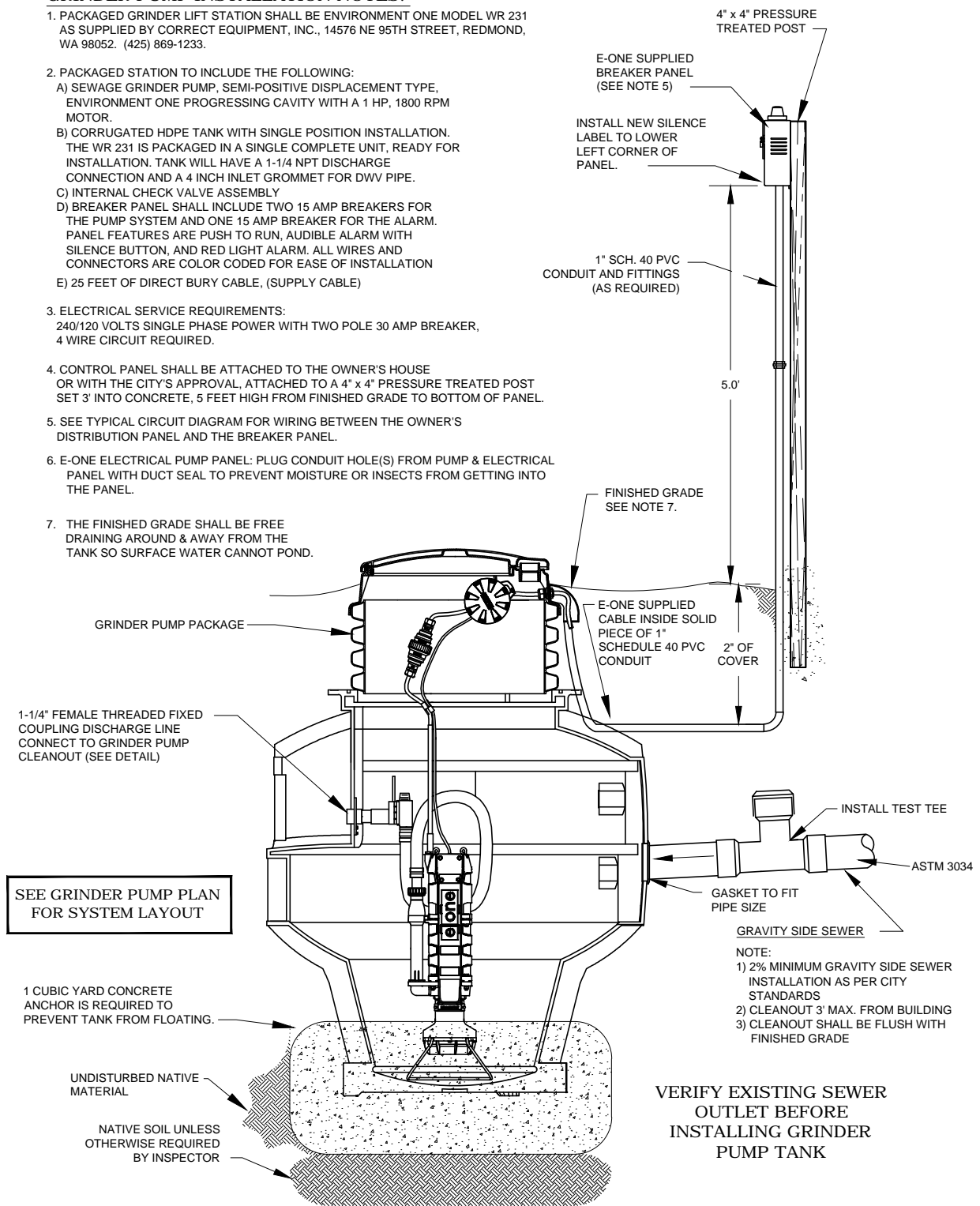


GRINDER PUMP INSTALLATION NOTES:


1. PACKAGED GRINDER LIFT STATION SHALL BE ENVIRONMENT ONE MODEL WR 231 AS SUPPLIED BY CORRECT EQUIPMENT, INC., 14576 NE 95TH STREET, REDMOND, WA 98052. (425) 869-1233.
2. PACKAGED STATION TO INCLUDE THE FOLLOWING:
 - A) SEWAGE GRINDER PUMP, SEMI-POSITIVE DISPLACEMENT TYPE, ENVIRONMENT ONE PROGRESSING CAVITY WITH A 1 HP, 1800 RPM MOTOR.
 - B) CORRUGATED HDPE TANK WITH SINGLE POSITION INSTALLATION. THE WR 231 IS PACKAGED IN A SINGLE COMPLETE UNIT, READY FOR INSTALLATION. TANK WILL HAVE A 1-1/4 NPT DISCHARGE CONNECTION AND A 4 INCH INLET GROMMET FOR DWV PIPE.
 - C) INTERNAL CHECK VALVE ASSEMBLY
 - D) BREAKER PANEL SHALL INCLUDE TWO 15 AMP BREAKERS FOR THE PUMP SYSTEM AND ONE 15 AMP BREAKER FOR THE ALARM. PANEL FEATURES ARE PUSH TO RUN, AUDIBLE ALARM WITH SILENCE BUTTON, AND RED LIGHT ALARM. ALL WIRES AND CONNECTORS ARE COLOR CODED FOR EASE OF INSTALLATION
 - E) 25 FEET OF DIRECT BURY CABLE, (SUPPLY CABLE)
3. ELECTRICAL SERVICE REQUIREMENTS:
240/120 VOLTS SINGLE PHASE POWER WITH TWO POLE 30 AMP BREAKER, 4 WIRE CIRCUIT REQUIRED.
4. CONTROL PANEL SHALL BE ATTACHED TO THE OWNER'S HOUSE OR WITH THE CITY'S APPROVAL, ATTACHED TO A 4" x 4" PRESSURE TREATED POST SET 3' INTO CONCRETE, 5 FEET HIGH FROM FINISHED GRADE TO BOTTOM OF PANEL.
5. SEE TYPICAL CIRCUIT DIAGRAM FOR WIRING BETWEEN THE OWNER'S DISTRIBUTION PANEL AND THE BREAKER PANEL.
6. E-ONE ELECTRICAL PUMP PANEL: PLUG CONDUIT HOLE(S) FROM PUMP & ELECTRICAL PANEL WITH DUCT SEAL TO PREVENT MOISTURE OR INSECTS FROM GETTING INTO THE PANEL.
7. THE FINISHED GRADE SHALL BE FREE DRAINING AROUND & AWAY FROM THE TANK SO SURFACE WATER CANNOT POND.



SEE GRINDER PUMP PLAN FOR SYSTEM LAYOUT

GRAVITY SIDE SEWER
 NOTE:
 1) 2% MINIMUM GRAVITY SIDE SEWER INSTALLATION AS PER CITY STANDARDS
 2) CLEANOUT 3' MAX. FROM BUILDING
 3) CLEANOUT SHALL BE FLUSH WITH FINISHED GRADE

VERIFY EXISTING SEWER OUTLET BEFORE INSTALLING GRINDER PUMP TANK

	<h2 style="margin: 0;">City of Bremerton</h2> <hr style="width: 20%; margin: 5px auto;"/> <p style="margin: 0;">PUBLIC WORKS</p>	<h2 style="margin: 0;">GRINDER PUMP INSTALLATION</h2>		
<p>DESIGN/CONSTRUCTION STANDARDS</p>	<p style="font-size: small;">Alteration of this drawing is prohibited. Any approval of an altered drawing is unauthorized and void.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 5px;">6101</td> </tr> <tr> <td style="text-align: center; padding: 5px;">Revision Date 02/23/15</td> </tr> </table>	6101	Revision Date 02/23/15
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