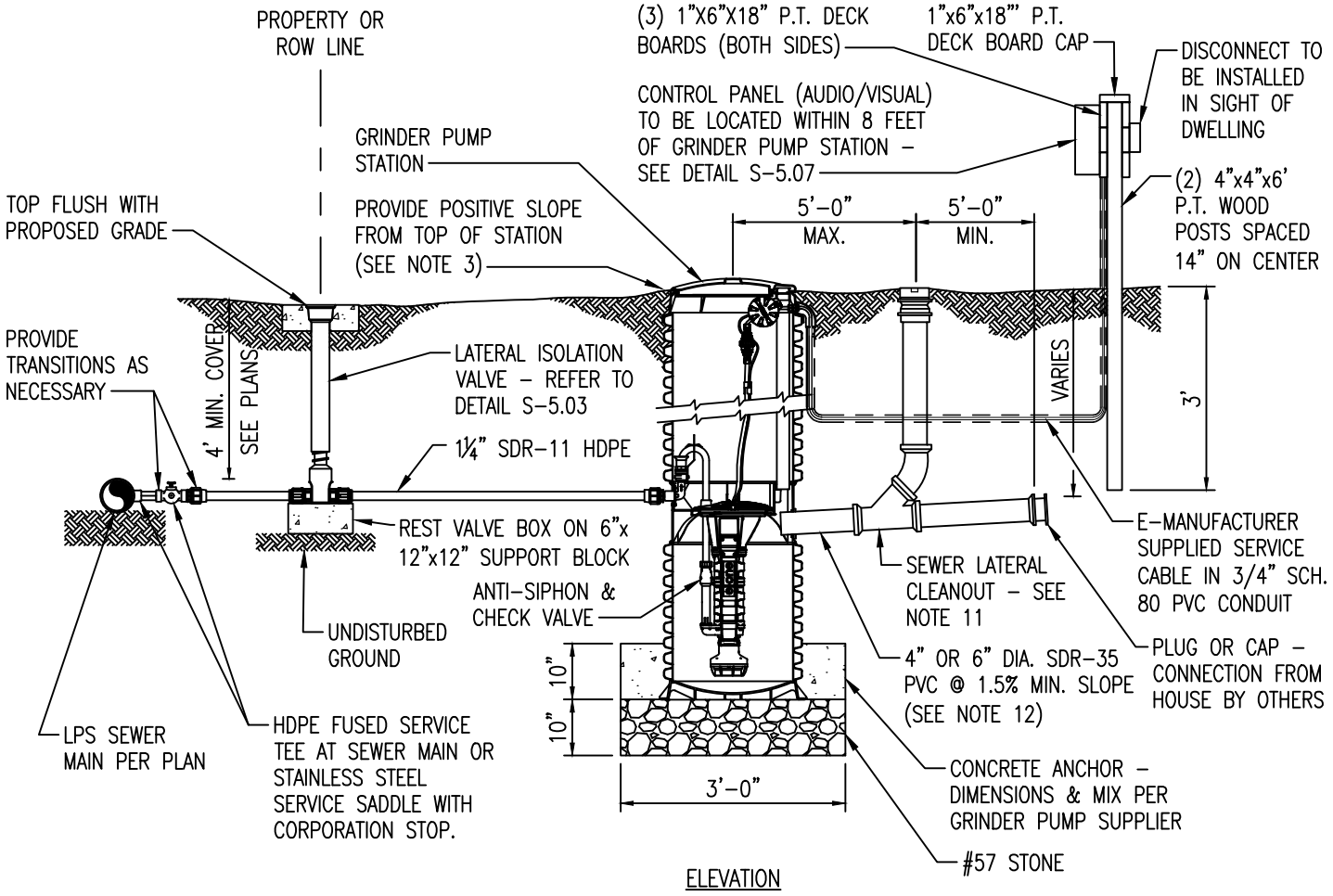

ELEVATION

NOTES

1. THE SEWER CONTRACTOR SHALL PROVIDE AND INSTALL ALL ITEMS AS INDICATED. REFER TO CURRENT COUNTY GRINDER PUMP CONNECTION PROCEDURES FOR OVERALL SEQUENCE OF INSTALLATION, OR AS SPECIFIED IN PLANS AND/OR SPECIFICATIONS.
2. SEWER LATERAL CONNECTION FROM THE HOUSE TO THE PVC STUB SHALL BE THE RESPONSIBILITY OF THE HOMEOWNER/PRIVATE PLUMBER.
3. THE CONTRACTOR SHALL GRADE AS REQUIRED TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BASIN TOP. ALL FINISHED GRADES AROUND THE BASIN SHALL BE 1–3 IN. BELOW REMOVABLE BASIN LID. MOUNDING OF SOIL AROUND THE BASIN IS NOT PERMITTED.
4. ALL VENTS IN GRINDER PUMP ENCLOSURE COVER SHALL BE COVERED WITH GORTEX VENT COVER.
5. CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE TEMPORARY POWER AND WATER TO CONDUCT PUMP TEST ON SITE FOLLOWING INSTALLATION OF GRINDER PUMP STATION AND ALL HOOK–UPS TO THE FORCE MAIN HAVE BEEN COMPLETED.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF CONTROL PANEL, POWER DISCONNECT, PUMP CABLING, DISCONNECT SWITCH, AND ALL RELATED INCIDENTALS PER THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE. CONTRACTOR IS NOT RESPONSIBLE FOR POWER CONNECTION BETWEEN HOUSE ELECTRICAL PANEL AND DISCONNECT SWITCH.
7. PROVIDE GREEN COATED 12–GAUGE SOLID COPPER DETECTION WIRE TAPED TO TOP OF PIPE, WITH 18 INCHES OF SLACK PROVIDED ABOVE TOP OF VALVE BOX.
8. LOCATION OF GRINDER PUMP ASSEMBLY SHALL BE WITHIN DESIGNATED PRIVATE EASEMENT PER PLAN. CONTRACTOR SHALL COORDINATE WITH HOMEOWNER PRIOR TO ENTERING PROPERTY AND RESTORE ALL DISTURBED AREAS TO EXISTING CONDITION.
9. GRINDER PUMP ENCLOSURE, INTERNAL COMPONENTS AND CONNECTIONS SHALL BE D–SERIES WETWELL/DRYWELL GRINDER PUMP STATION AS MANUFACTURED BY ENVIRONMENT ONE CORPORATION (E/ONE), OR APPROVED EQUAL. D–SERIES MODEL SHALL BE AS SPECIFIED ON PLANS OR IN SPECIFICATIONS.
10. THIS DETAIL IS APPLICABLE FOR GRINDER PUMP INSTALLATION IN DESIGNATED NON–FLOODPLAIN AREAS ONLY – SEE DETAIL S–5.02 FOR GRINDER PUMP INSTALLATION IN FLOODPLAIN AREAS.
11. IN RESIDENTIAL APPLICATIONS, STANDARD SEWER LATERAL CLEANOUT SHALL BE MODIFIED TO OMIT FRAME, COVER AND CONCRETE SUPPORT RING – CLEANOUT CAP SHALL BE SET FLUSH WITH ADJACENT GRADE.
12. PROVIDE A SHORT SECTION OF SCH. 40 PVC PIPE OUT OF GRINDER PUMP ENCLOSURE W/ADAPTER TO CONNECT TO SDR–35 PIPE.

	SUSSEX COUNTY ENGINEERING DEPARTMENT APPROVED: _____ SUSSEX COUNTY ENGINEER	STANDARD GRINDER PUMP ASSEMBLY	DETAIL S-5.01 DATE ISSUED: 6/26/2023