



- | NO. | DESCRIPTION:   |
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| 1.  | UNDISTURBED SOIL.  |
| 2.  | FINISHED GRADE. RESTORE TO MATCH EXISTING CONDITIONS. REFER TO CLTW SPECIFICATIONS AND DETAILS.  |
| 3.  | REMOVE EXCAVATED MATERIAL UNDER PAVED SURFACES. SEE NOTE B.  |
| 4.  | COMPACTED SOIL IN GRASSED AREAS/ COMPACTED ABC STONE OR PIT GRAVEL IN PAVED AREAS. COMPACTION TO BE AS SPECIFIED.  |
| 5.  | POINT REPAIR SEGMENT. SEE NOTES A, C, D, AND E.  |
| 6.  | EXISTING SEWER PIPE (VARIES).  |
| 7.  | NEW SEWER PIPE LENGTH VARIES. ALL PIPE USED FOR POINT REPAIRS SHALL BE PVC OR DUCTILE IRON UNLESS OTHERWISE NOTED.   |
| 8.  | RUBBER SLEEVE COUPLING WITH STAINLESS STEEL COMPRESSION BANDS AND SHEAR RINGS - MISSION ARC, FERNCO STRONGBACK OR APPROVED EQUAL. TYPICAL EACH END, COUPLING TO BE MIN. 6" WIDE. |
| 9.  | COMPACTED #57 STONE.   |

- NOTES:**
- A. THE SEQUENCE OF WORK FOR PERFORMING POINT REPAIRS SHALL BE AS FOLLOWS:
- A.1. BYPASS PUMP FLOWS AROUND POINT REPAIR SEGMENT.
  - A.2. EXCAVATE TO 8" BELOW EXISTING SEWER.
  - A.3. NEATLY CUT EXISTING SEWER AT EACH END OF POINT REPAIR AND REMOVE EXISTING SEWER COMPLETELY.
  - A.4. INSTALL #57 STONE TO SEWER INVERT ELEVATION AND COMPACT.
  - A.5. INSTALL NEW SEWER AT A CONSTANT SLOPE BETWEEN THE TWO EXISTING PIPE ENDS. CONNECT THE NEW SEWER TO THE EXISTING WITH SPECIFIED COUPLINGS. REMOVE STONE BEDDING AS REQUIRED TO INSTALL PIPE AND COUPLINGS AND FILL VOIDS UNDER PIPE WITH STONE.
  - A.6. RETURN FLOW THROUGH PIPE.
  - A.7. BACKFILL AND COMPACT AS SHOWN.
- B. UNDER PAVED SURFACES ONLY, CONTRACTOR SHALL REMOVE EXCAVATED SOIL AND DISPOSE OF IT OFFSITE. CONTRACTOR SHALL IMPORT ABC STONE OR PIT GRAVEL FOR BACKFILLING FROM TOP OF #57 STONE TO PAVEMENT SUBGRADE.
- C. SERVICE LATERALS LOCATED WITHIN POINT REPAIR SEGMENTS SHALL BE CONNECTED TO NEW SEWER WITH A DIP TEE. REFER TO APPROPRIATE STD. DETAIL.
- D. LENGTH OF POINT REPAIR WILL BE DETERMINED BY THE OWNER'S REPRESENTATIVE AFTER REVIEWING THE TELEVISION INSPECTION. THE CONTRACTOR SHALL EXTEND POINT REPAIRS IN THE FIELD AS NECESSARY AND APPROVED BY THE SEALING ENGINEER TO CONNECT TO SOLID PIPE.
- E. THE CONTRACTOR SHALL USE A TRENCH BOX OR SHEETING AND SHORING IN ACCORDANCE WITH OSHA REGULATIONS TO SUPPORT THE TRENCH WALLS DURING THIS WORK. THE CONTRACTOR WILL NOT BE ALLOWED TO SLOPE TRENCH WALLS.
- F. REFER TO APPROPRIATE STD. DETAIL FOR CONNECTING TO MANHOLES.