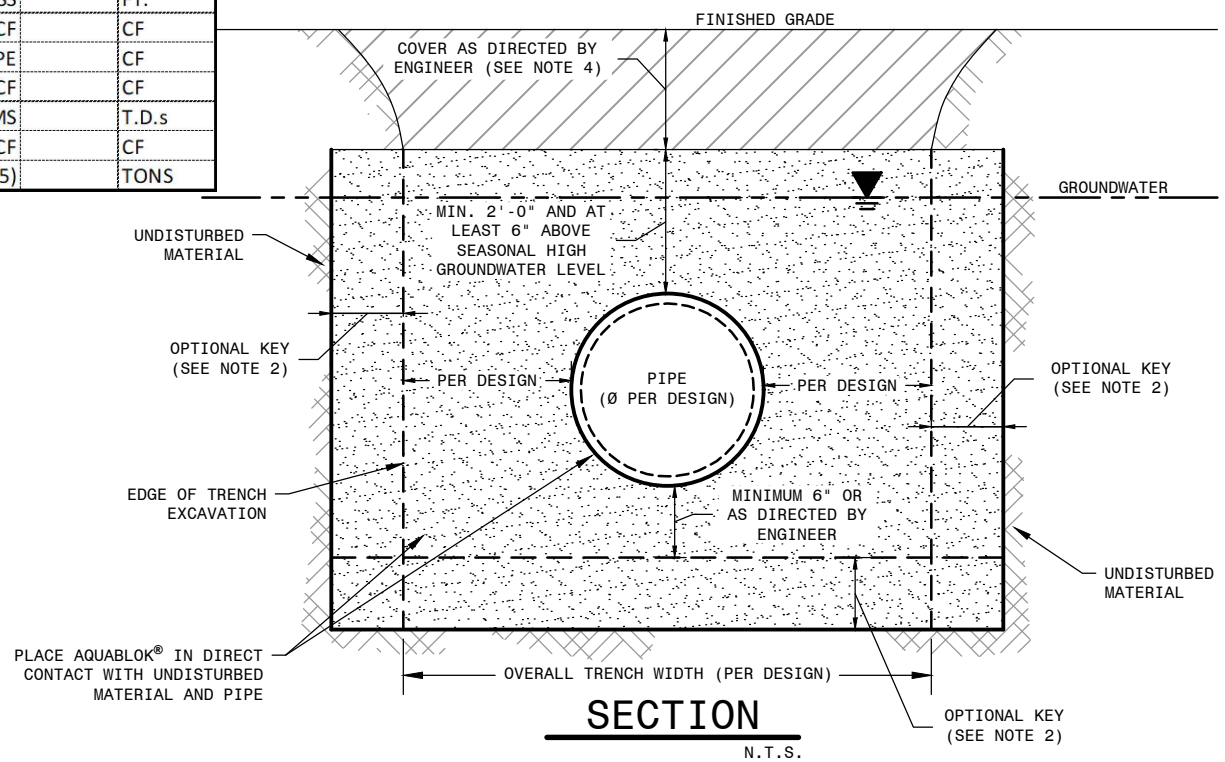


| QUANTITY SCHEDULE | |
|---------------------|-------|
| PIPE O.D. | IN. |
| TRENCH WIDTH | FT. |
| OPTIONAL KEY | FT. |
| TOP DIMENSION | FT. |
| BOTTOM DIMENSION | FT. |
| THICKNESS | FT. |
| GROSS CF | CF |
| MINUS PIPE | CF |
| NET CF | CF |
| NO. OF TRENCH DAMS | T.D.s |
| TOTAL CF | CF |
| TONS (TCF X 0.0425) | TONS |



- NOTES:
1. THE TRENCH DAM DIMENSIONS SHALL BE DIRECTED BY THE ENGINEER AND DEPICTED ON THE CONSTRUCTION DRAWINGS.
 2. THE TRENCH DAM SHALL EXTEND LATERALLY TO THE TRENCH EDGES, BUT AN OPTIONAL KEY MAY EXTEND INTO UNDISTURBED MATERIAL (A MIN. OF 1'-0") ON THREE SIDES.
 3. THE TRENCH DAM THICKNESS SHALL BE BASED ON PIPE O.D. AS FOLLOWS:
 - A. 0 IN. < PIPE O.D. < 6 IN.; THICKNESS = 0.5 FT.
 - B. 6 IN. < PIPE O.D. < 36 IN.; THICKNESS = 1.0 FT.
 - C. 36 IN. < PIPE O.D. < 66 IN.; THICKNESS = 1.5 FT.
 - D. PIPE O.D. > 66 IN., THICKNESS = 2.0 FT.
 4. SOIL COVER ABOVE TRENCH DAM TO FINISH GRADE SHALL BE DIRECTED BY ENGINEER, WITH AT LEAST 2'-0" COMPACTED SOIL AND/OR BASE FOR LIGHT DUTY PAVEMENT, AND AT LEAST 3'-0" COMPACTED SOIL AND/OR BASE FOR HEAVY DUTY PAVEMENT.
 5. FOR TRENCH DAMS USED FOR WATER AND SEWER PIPING, FREQUENCY OF PLACEMENT SHALL BE AS DIRECTED BY THE ENGINEER ON THE CONSTRUCTION DRAWINGS, WITH:
 - A. SANITARY AND STORM SEWERS SHALL HAVE A MINIMUM OF ONE TRENCH DAM ON EACH PIPE RUN BETWEEN MANHOLES OR STRUCTURES.
 - B. SANITARY AND STORM SEWER TRENCH DAMS SHALL BE LOCATED APPROX. 25 FEET UPSTREAM OF MANHOLES, LIFT STATIONS, OR OTHER STRUCTURES.
 - C. PIPES THROUGH EMBANKMENTS AND CROSSINGS SHALL REQUIRE TRENCH DAMS AT SPECIFIC SPACING AS DIRECTED BY ENGINEER.
 - D. WATER MAINS AND FORCE MAINS SHALL HAVE TRENCH DAMS SPACED NO GREATER THAN 400 L.F. ALONG PIPE RUN.
 - E. SPECIFIC CONDITIONS MAY REQUIRE MORE FREQUENT PLACEMENT OF TRENCH DAMS AS SPECIFIED BY ENGINEER.
 6. SEE "TRENCH DAMS AND ANTI-SEEP COLLARS" APPLICATION TECH SHEET BY AQUABLOK, LTD. FOR MORE INFORMATION.



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TRENCH DAM (ANTI-SEEP COLLAR) DETAIL
 (NOT TO SCALE)

| | |
|-------------------------------|-------------------------------|
| PROJECT NO.: AQB105 | SUBMITTAL DATE: DECEMBER 2020 |
| CAD DWG FILE: AQB105.100.0036 | PLOT DATE: 12/9/2020 |