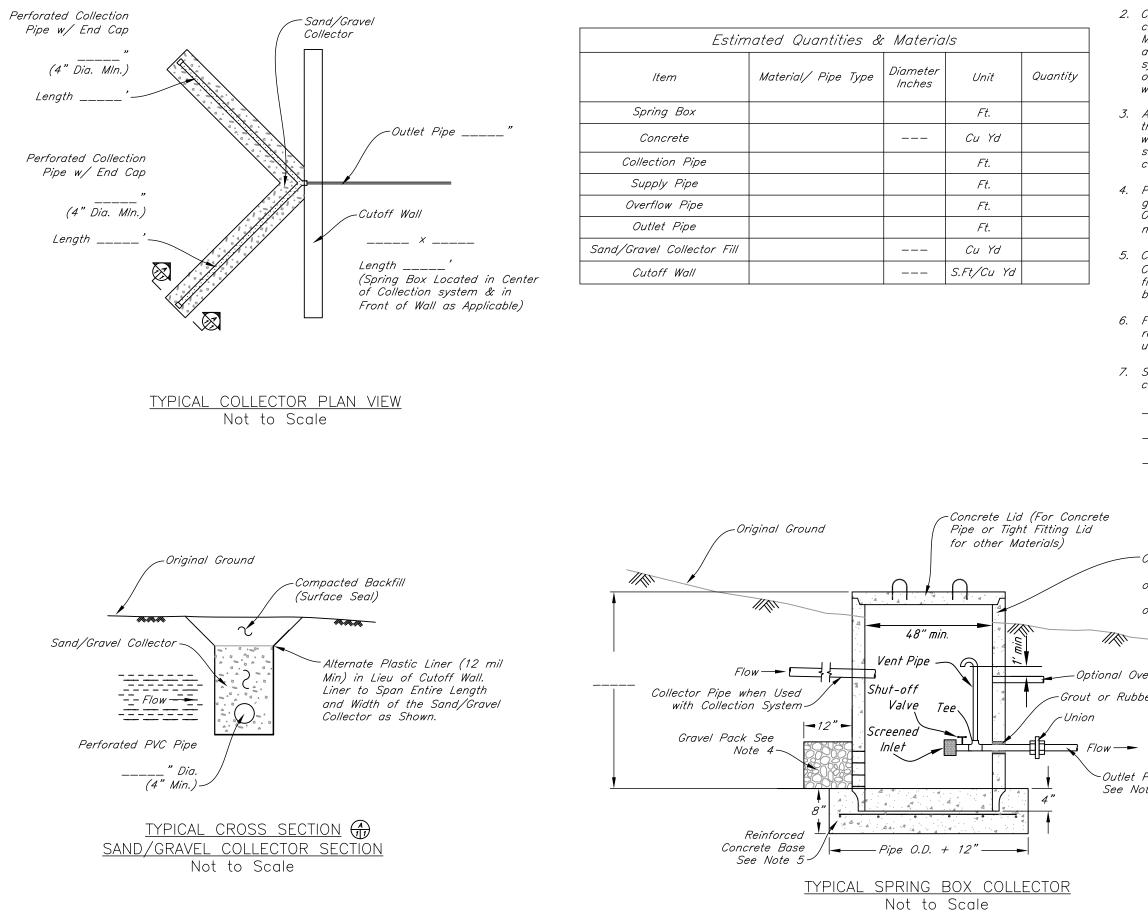
<u>CON</u>





| STRUCTION NOTES   | Date                     | 024                      |                            |
|---|--------------------------|--------------------------|----------------------------|
| Alternate Collector Layout to be used in<br>lieu of Typical Collector shown. (See Sheet 2)  | ă  <br>                  | 03-22-2024               |                            |
| Cutoff wall may be constructed of concrete,<br>clay, masonry, plastic sheeting, or sheet pile.<br>Material must be able to provide adequate<br>anti-seep control to supply the collection<br>system but shallow enough to allow passage<br>of subsurface flows to any downstream<br>wetlands. |                          | Cassie Ahmed 03-         |                            |
| A shut-off valve should be installed along<br>the outlet. For collection pipe installed<br>without a spring box, the shut-off valve<br>should be installed at the intersection of the<br>collection and solid outlet pipe.  | Designed                 |                          | Checked<br>Approved        |
| Perforate box and gravel pack with 12" of<br>gravel if water enters through the sides.<br>Outlet pipes exiting a spring box shall be a<br>minimum of 3" below the collection pipe.  | S                        |                          |                            |
| Concrete base reinforced with #4 Bars @ 12"<br>C to C in both directions or 6" min. thick<br>filter gravel if water enters through the<br>bottom.   | DETAIL                   |                          |                            |
| Fill for the sand/gravel collector to meet<br>requirements of ASTM C33 for Fine Aggregate<br>unless otherwise specified.  |                          |                          |                            |
| Specific requirements for sand/gravel collector fill:   | PME                      |                          |                            |
|   | EVELOPMENT               |                          |                            |
|   |                          |                          |                            |
|   | RING                     |                          |                            |
| -Concrete Pipe" Dia<br>or HDPE" Dia.  | ط<br>ک                   | WNER:_                   | :OUNTY:_                   |
| or Material " Dia.  |                          | <b>OW</b>                | COU                        |
|   | es                       | t of                     |                            |
| overflow Pipe to Suitable Outlet<br>Obber Boot  | United Stat              | Departmen<br>Agriculture | ources<br>in Service       |
| -<br>Pipe<br>Vote 4   | USDA                     |                          | Natural Res<br>Conservatio |
|   | File Name<br>ND-DWG-151A |                          |                            |
|   | Date<br>03-22-2024       |                          |                            |
|   | Sheet of                 |                          |                            |

