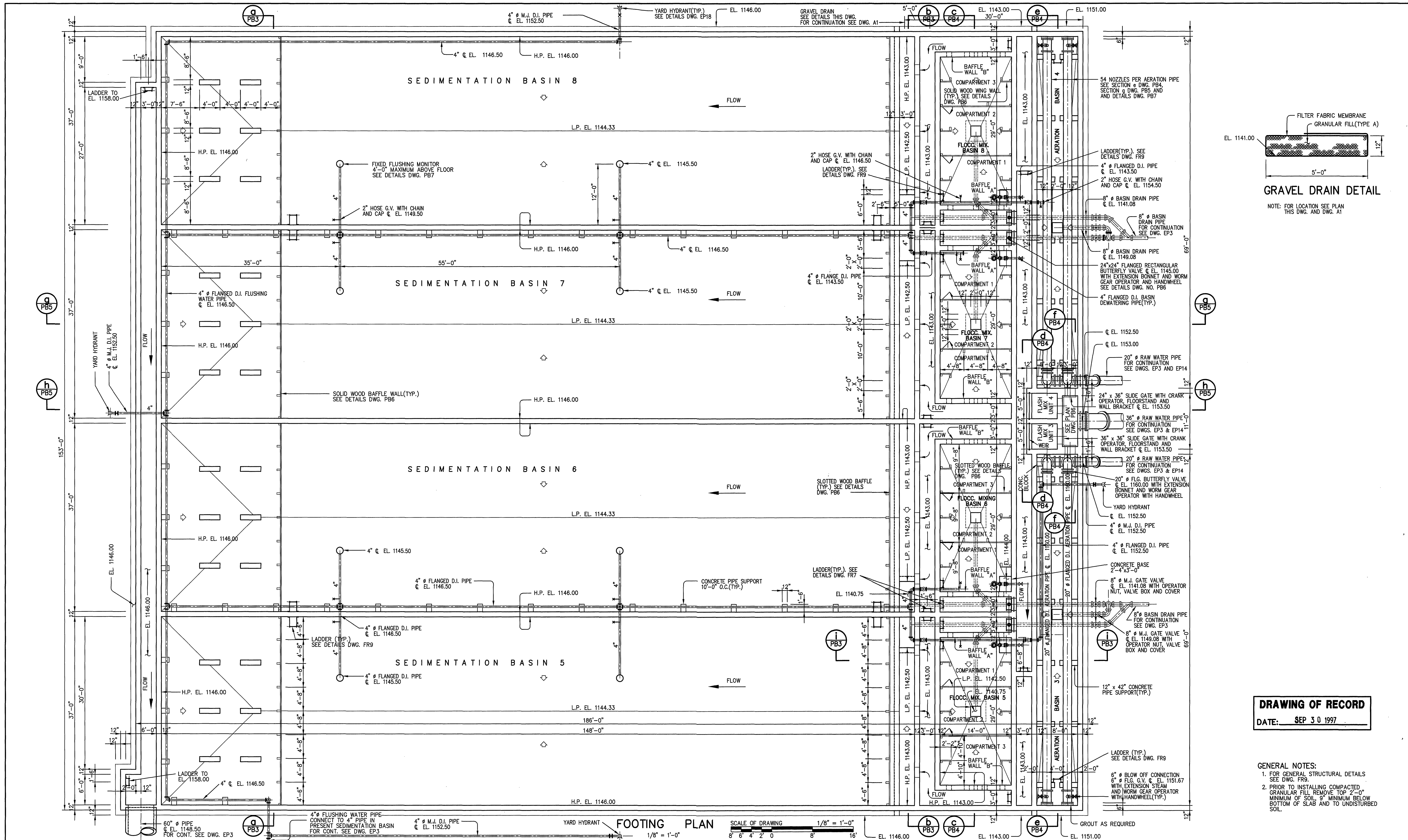




| <p><b>MATTERN &amp; CRAIG</b><br/>CONSULTING ENGINEERS • SURVEYORS<br/>ROANOKE VIRGINIA</p> <p><b>ALVORD, BURDICK &amp; HOWSON</b><br/>ENGINEERS CHICAGO</p> | <p>DESIGNED: BGM</p> <p>DRAWN: HFF</p> <p>CHECKED: YTL</p> | <p>COMMONWEALTH OF VIRGINIA</p> <p>YA-TAI LIN</p> <p>NO. 022786</p> <p>PROFESSIONAL ENGINEER</p> | <table> <tr> <th>REV.</th><th>DATE</th><th>DESCRIPTION</th><th>BY</th><th>APP.</th></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> | REV. | DATE | DESCRIPTION | BY | APP. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p><b>CARVINS COVE FILTER PLANT IMPROVEMENTS – PHASE I</b></p> <p>ROANOKE, VIRGINIA</p> <p><b>12 MGD PRETREATMENT BASINS – FOOTING PLAN</b></p> <p>DATE<br/>APRIL 1992</p> <p>COMM. NO.<br/>9130</p> <p>SHEET<br/>PB1</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------------|----|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REV.                                                                                                                                                         | DATE                                                       | DESCRIPTION                                                                                      | BY                                                                                                                                                                                                                                                                                                                                                | APP. |      |             |    |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                           |
|                                                                                                                                                              |                                                            |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                   |      |      |             |    |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                           |
|                                                                                                                                                              |                                                            |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                   |      |      |             |    |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                           |
|                                                                                                                                                              |                                                            |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                   |      |      |             |    |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                           |
|                                                                                                                                                              |                                                            |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                   |      |      |             |    |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                           |