

PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

## SAND FILTER CONSTRUCTION PLAN CHECKLIST

### GENERAL INFORMATION:

- |  |  |
|--|--|
| <input type="checkbox"/> FILTER LOCATION                 | <input type="checkbox"/> UTILITY CONFLICTS                   |
| <input type="checkbox"/> EX. AND PROP. TOPOGRAPHY        | <input type="checkbox"/> 100 YR. FLOODPLAIN                  |
| <input type="checkbox"/> ACCESS AND MAINTENANCE EASEMENT | <input type="checkbox"/> FILTER LABEL                        |
| <input type="checkbox"/> VICINITY MAP                    | <input type="checkbox"/> CERTIFICATE OF RUNOFF CONTROL       |
| <input type="checkbox"/> NORTH ARROW AND GRAPHIC SCALE   | <input type="checkbox"/> Engineer - NAME, ADDRESS, TELEPHONE |
| <input type="checkbox"/> PE SEAL AND SIGNATURE           | <input type="checkbox"/> OWNER - NAME, ADDRESS, TELEPHONE    |
| <input type="checkbox"/> COORD. WITH CITY REQUIREMENTS   |  |

### FILTER DESIGN:

- |  |   |
|--|---|
| <input type="checkbox"/> DRAINAGE AREA < 5AC.          | <input type="checkbox"/> UNDERDRAIN LINE W/ SOCK            |
| <input type="checkbox"/> LAYOUT DIMENSIONS             | <input type="checkbox"/> 6" MAX. UNDERDRAIN                 |
| <input type="checkbox"/> CROSS SECTION                 | <input type="checkbox"/> MIN. 12" SAND OVER UNDERDRAIN      |
| <input type="checkbox"/> SEDIMENT CHAMBER VOLUME       | <input type="checkbox"/> DIVERSION DITCHES NEEDED           |
| <input type="checkbox"/> SEDIMENT CHAMBER SURFACE AREA | <input type="checkbox"/> TOP OF SAND 2" - 6" BELOW WEIR     |
| <input type="checkbox"/> SEDIMENT CHAMBER DEPTH        | <input type="checkbox"/> SLOPE ON EMBANKMENT (3:1 MIN.)     |
| <input type="checkbox"/> SAND CHAMBER VOLUME           | <input type="checkbox"/> 10' BENCH FOR MAINT. AROUND FILTER |
| <input type="checkbox"/> SAND CHAMBER SURFACE AREA     | <input type="checkbox"/> INLET PROTECTION                   |
| <input type="checkbox"/> SAND CHAMBER DEPTH            |   |

### CONCRETE CONSTRUCTION:

- THICKNESS OF SLAB OR WALL
- REINFORCING
- STRENGTH OF CONCRETE
- WATERSTOPS
- JOINT SPACING

### NOTES:

- |   |   |
|---|---|
| <input type="checkbox"/> SAND FILTER MAINTENANCE RESPONSIBILITY | <input type="checkbox"/> PE CERTIFICATION OF COMPLETION |
| <input type="checkbox"/> PRECONSTRUCTION MEETING                | <input type="checkbox"/> RIGHT OF ACCESS FOR INSPECTION |
| <input type="checkbox"/> FULL DESIGN VOLUME                     |   |

### OTHER:

- |  |   |
|--|---|
| <input type="checkbox"/> OPERATION & MAINTENANCE MANUAL                  | <input type="checkbox"/> SPECIFICATIONS |
| <input type="checkbox"/> OTHER PERMITS (WETLAND, FLOODPLAIN, DAM SAFETY) |   |

### COMMENTS:

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