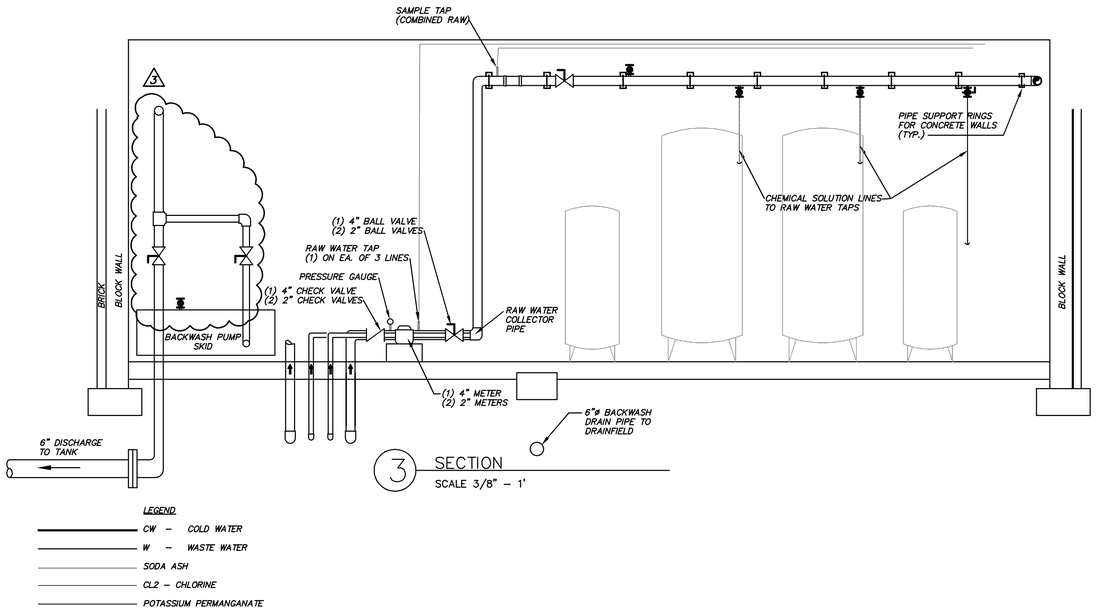
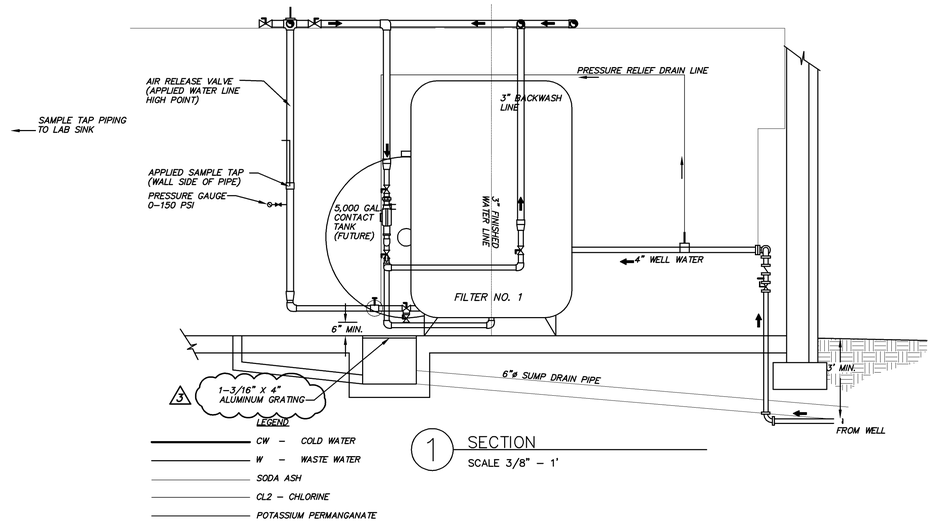
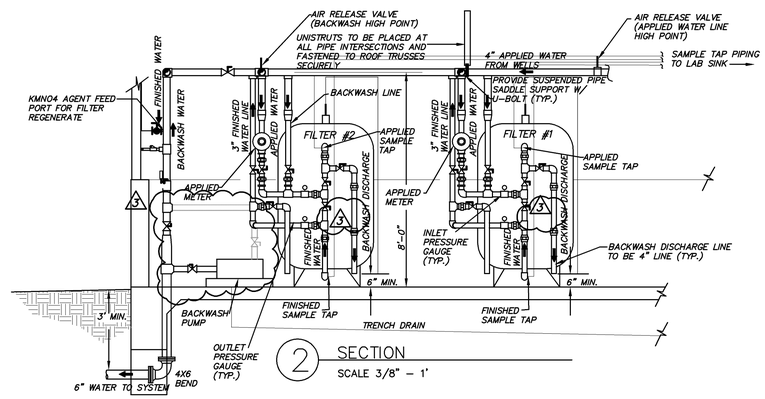
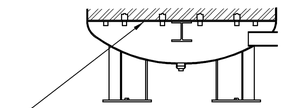


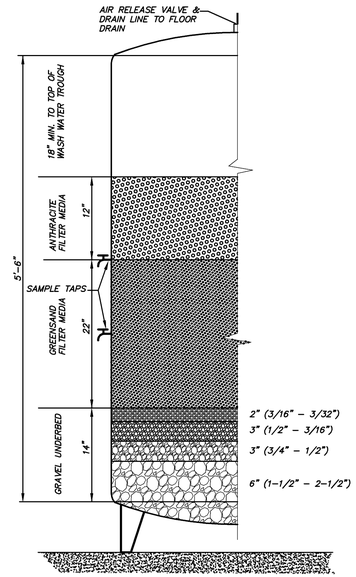



3/8" STEEL FALSE BOTTOM UNDERDRAIN WITH NOZZLES LOCATED ON 12" CENTERS.

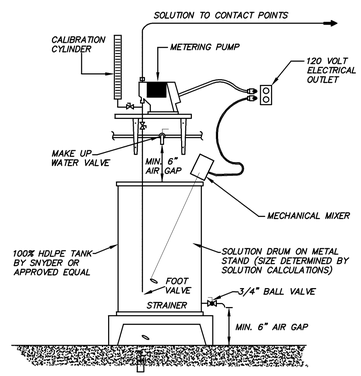
NOTES:
1. CONFIGURATION OF UNDERDRAIN SYSTEM SPECIFIC TO TANK MANUFACTURER. APPROVED EQUAL WILL ALSO BE ACCEPTED.
2. INTERIOR COATINGS OF PRESSURE VESSELS (CONTACT AND GREENSAND TANKS) ARE TO HAVE NSF STANDARD 61 INTERIOR COATINGS.




FILTER SYSTEM (TYP.)
N.T.S

MEDIA AND GRAVEL SPECIFICATIONS

| LAYER | DEPTH | SIZE | DESCRIPTION | UNIFORMITY COEFFICIENT |
|---|---|---|---|---|
| TOP | 12" | 0.8–2.0mm | ANTHRACITE | LESS THAN 1.7 |
| 2ND | 22" | 0.3–0.35mm | GREENSAND | LESS THAN 1.7 |
| 3RD | 2" | 3/16"–3/32" | GRADED GRAVEL | LESS THAN 1.7 |
| 4TH | 3" | 1/2"–3/16" | GRADED GRAVEL | – |
| 5TH | 3" | 3/4"–1/2" | GRADED GRAVEL | – |
| BOTTOM | 6" | 1½"–2½" | GRADED GRAVEL | – |




CHEMICAL FEED SYSTEM (TYP.)
N.T.S


HURT & PROFFITT
INCORPORATED
*ENGINEERING >> SURVEYING >> PLANNING
2524 LANGHORNE ROAD
LYNCHBURG VA 24501
800.242.4906 TOLL FREE
434.847.7796 MAIN
434.847.0047 FAX


# WATER TREATMENT DETAILS-ASBUILT

FOR

TOWN OF BOONES MILL WATER SYSTEM REPLACEMENT, VOLUME 2

TOWN OF BOONES MILL, BOONE DISTRICT, FRANKLIN COUNTY, VA

| | |
|---|---|
| PROJECT NO. | 20080815 |
| G.L. NO. | 297-03-A3.9 |
| FILE NO. | G-12675 |
| DATE: | 7/31/09 |
| DRAWN BY: | ASK |
| CHECKED BY: | BLC |

HURT & PROFFITT

SHEET NO.
**C1.6**

| | | |
|---|---|---|
| 1 | 8/28/09 | VDH/OWNER COMMENTS |
| 2 | 9/3/09 | VDH/OWNER COMMENTS |
| 3 | 10/7/09 | ADDENDUM #2 |
| 4 | 11/17/09 | FRANKLIN COUNTY COMMENTS |
| 5 | 3/14/12 | ASBUILTS |