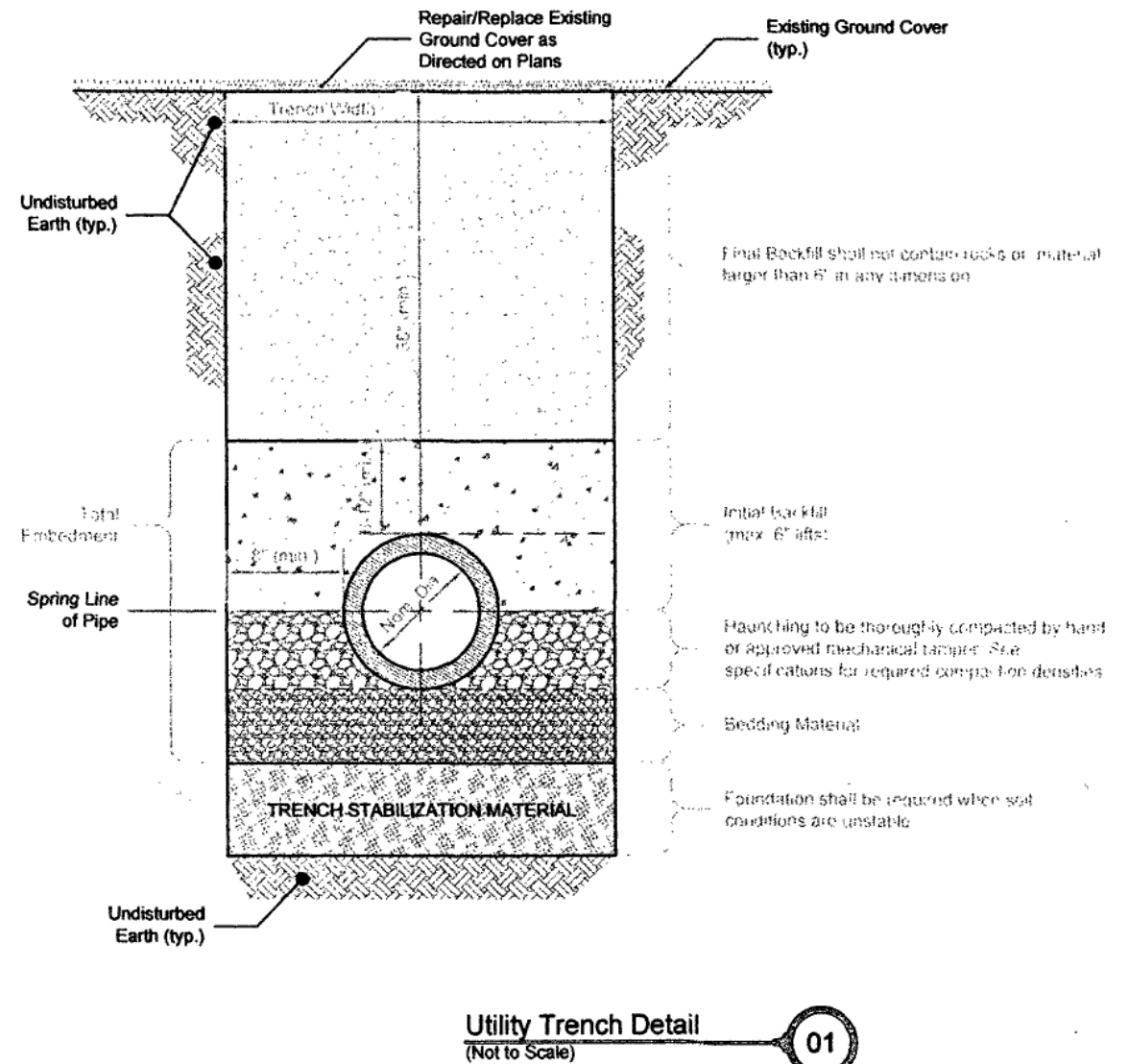
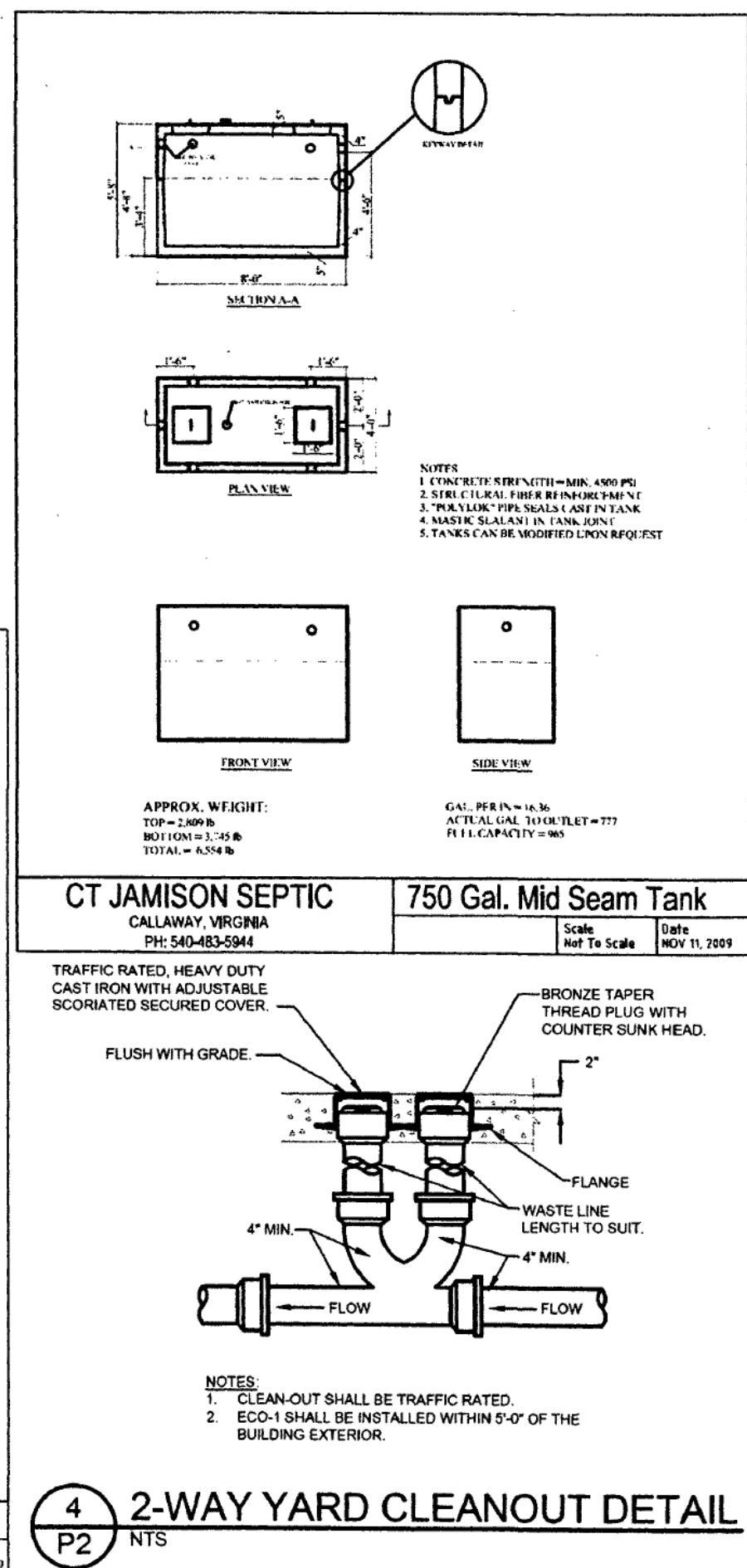
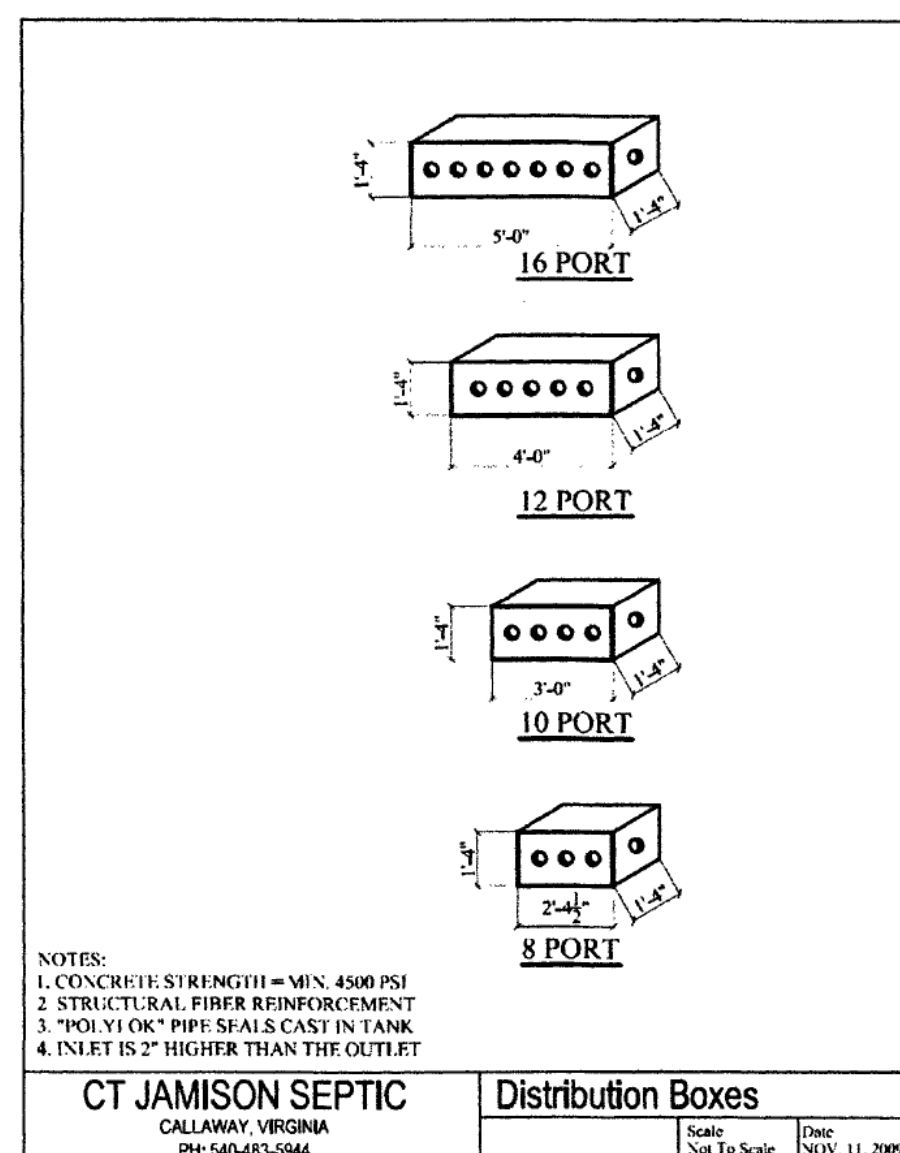


Sewerage Service
Material: Schedule 40 or 80 PVC or ABS piping with DWV pattern fittings.
Sewer venting is internal to building envelope and is detailed on Architectural Plans.
Notify Engineer & Architect of any variations required by Code before construction.

Potable Water Service - Below Grade
Material: Type "K" copper tubing, hard or soft temper, with wrought copper lead free sweat fittings.
Note: No fittings shall be permitted below grade inside building.
Notify Engineer & Architect of any variations required by Code before construction.



NOTES

- Foundation**
Where the trench bottom is unstable, the contractor shall excavate to a depth required by the engineer and replace with a foundation of Class I or II material as defined in ASTM D2321, "Standard Practice for Installation of Thermoplastic Pipe for Sewers and other Gravity-Flow Applications," latest edition.
As an alternative, and at the discretion of the engineer, the trench bottom may be stabilized using a woven geotextile fabric.
- Bedding**
Suitable material shall be Class I, II or III and installed as required in ASTM D2321, latest edition.
Unless otherwise specified by the engineer, minimum bedding thickness shall be:
• 4" thick for 4" - 24" corrugated polyethylene pipe
• 6" thick for 30" - 60" corrugated polyethylene pipe.
- Haunching and Initial Backfill**
Suitable material shall be Class I, II or III and installed as required in ASTM D2321, latest edition.

Nominal Pipe Size (in.)	Maximum Payment Trench Width (ft.)	Minimum Trench Width (ft.)
under 4	2'-0"	per OSHA
4 thru 10	3'-0"	per OSHA
12 thru 24	4'-0"	per OSHA
27 thru 36	5'-4"	per OSHA
42 thru 48	6'-6"	per OSHA
54 thru 60	7'-0"	per OSHA

Stone Engineering
P.O. BOX 1058
Rocky Mount, Virginia 24161
(840) 483-0078
(840) 483-5250 fax
www.stoneengineering.biz

REVISIONS	DESCRIPTION	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
83		
84		
85		
86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

Utility Plan

Bluewater Drive (Route 942) &
Scruggs Road (Route 616)
Gills Creek Magisterial District, Franklin County, VA

DATE: 07/24/2015
SCALE: As Shown
SHEET: 09 OF 19
PROJECT NUMBER: 15028

