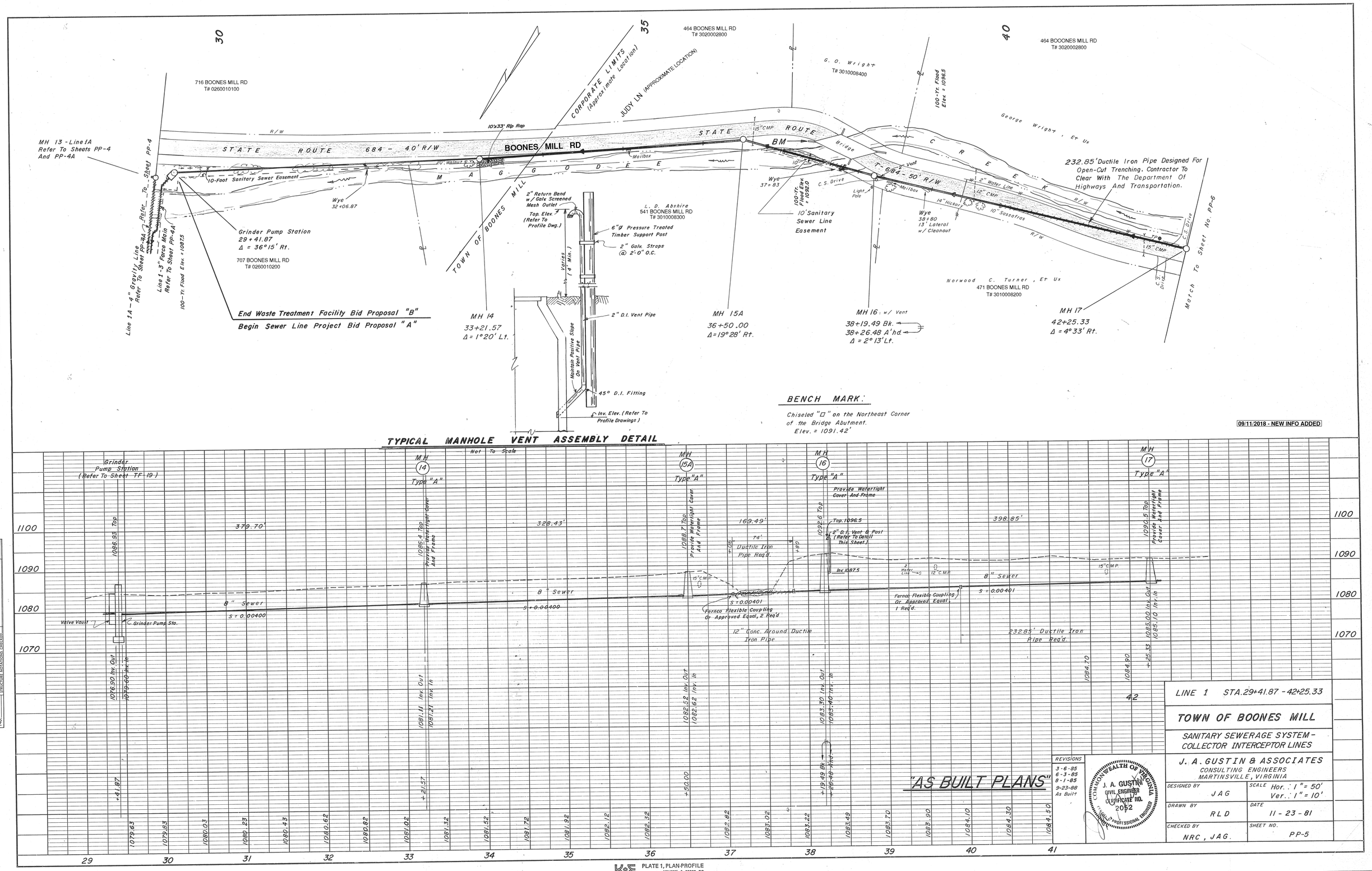
30
35
40
716 BOONES MILL RD
T# 0260010100
464 BOONES MILL RD
T# 3020002800
G. O. Wright
T# 3010008400
464 BOOONES MILL RD
T# 3020002800
CORPORATE LIMITS
(Approximate Location)
JUDY LN (APPROXIMATE LOCATION)
100-Yr. Flood Elev. = 1096.5
George Wright, Et Ux
R/W
10'x33' Rip Rap
STATE ROUTE 684 - 40' R/W
BOONES MILL RD
STATE ROUTE
15" CMP
BM
Bridge
C R E E K
MH 13 - Line 1A
Refer To Sheets PP-4
And PP-4A
20" Walnut
Mailbox
10-Foot Sanitary Sewer Easement
M A G G O D E E
Wye
32+06.87
Line 1A - 4" Grav'l Line
Refer To Sheet PP-4A
Line 1 - 3" Force Main
Refer To Sheet PP-4A
Refer To Sheet PP-4
100-Yr. Flood Elev. = 1087.5
Grinder Pump Station
29+41.87
Δ = 36°15' Rt.
707 BOONES MILL RD
T# 0260010200
TOWN OF BOONES MILL
2" Return Bend w/ Galv Screened Mesh Outlet
Top. Elev. (Refer To Profile Dwg.)
L. D. Abshire
541 BOONES MILL RD
T# 3010008300
6"ø Pressure Treated Timber Support Post
2" Galv. Straps @ 2'-0" O.C.
Varies (4' Min.)
2" D.I. Vent Pipe
Maintain Positive Slope On Vent Pipe
45° D.I. Fitting
Inv. Elev. (Refer To Profile Drawings)
End Waste Treatment Facility Bid Proposal "B"
Begin Sewer Line Project Bid Proposal "A"
MH 14
33+21.57
Δ = 1°20' Lt.
Wye
37+83
100-Yr. Flood Elev. = 1096.0
C.S. Drive
Light Pole
10' Sanitary Sewer Line Easement
MH 15A
36+50.00
Δ = 19°28' Rt.
T 684 - 50' R/W
2" Vent
2" Water Line
12" CMP
14" Hickory
10" Sassafras
Wye
38+80
13' Lateral w/ Cleanout
232.85' Ductile Iron Pipe Designed For Open-Cut Trenching. Contractor To Clear With The Department Of Highways And Transportation.
Norwood C. Turner, Et Ux
471 BOONES MILL RD
T# 3010008200
MH 16 w/ Vent
38+19.49 Bk.
38+26.48 A'hd.
Δ = 2° 13' Lt.
MH 17
42+25.33
Δ = 4° 33' Rt.
Match To Sheet No. PP-5
BENCH MARK:
Chiseled "D" on the Northeast Corner of the Bridge Abutment.
Elev. = 1091.42'
09/11/2018 - NEW INFO ADDED
TYPICAL MANHOLE VENT ASSEMBLY DETAIL
Not To Scale
Grinder Pump Station (Refer To Sheet TF-19)
MH 14 Type "A"
MH 15A Type "A"
MH 16 Type "A"
MH 17 Type "A"
Provide Watertight Cover And Frame
Provide Watertight Cover-And-Frame
Top: 1096.5
2" D.I. Vent & Post (Refer To Detail This Sheet)
379.70'
328.43'
169.49'
74' Ductile Iron Pipe Req'd.
398.85'
1096.93 Top
1096.4 Top
1088.7 Top
1092.6 Top
1090.5 Top
Inv. 1087.5
15" CMP
8" Sewer
S = 0.00400
S = 0.00401
Valve Vault
Grinder Pump Sta.
Ferrco Flexible Coupling Or Approved Equal, 2 Req'd.
Ferrco Flexible Coupling Or Approved Equal, 1 Req'd.
12" Conc. Around Ductile Iron Pipe
232.85' Ductile Iron Pipe Req'd.
1076.90 Inv. Out
1076.60 Inv. In
1081.11 Inv. Out
1081.21 Inv. In
1082.52 Inv. Out
1082.62 Inv. In
1083.30 Inv. Out
1083.40 Inv. In
1085.00 Inv. Out
1085.10 Inv. In
1084.70
1084.90
+41.87
+21.57
+50.00
+19.49 Bk.
+26.48 A'hd.
+25.33
1100
1090
1080
1070
29
30
31
32
33
34
35
36
37
38
39
40
41
42
1076.93
1079.83
1080.03
1080.23
1080.43
1080.62
1080.82
1081.02
1081.32
1081.52
1081.72
1081.92
1082.12
1082.32
1082.82
1083.02
1083.22
1083.49
1083.70
1083.90
1084.10
1084.30
1084.50
"AS BUILT PLANS"
REVISIONS
3-6-85
6-3-85
8-1-85
9-23-88
As Built
COMMONWEALTH OF VIRGINIA
J. A. GUSTIN
CIVIL ENGINEER
CERTIFICATE NO. 2052
LICENSED PROFESSIONAL ENGINEER
LINE 1 STA. 29+41.87 - 42+25.33
TOWN OF BOONES MILL
SANITARY SEWERAGE SYSTEM - COLLECTOR INTERCEPTOR LINES
J. A. GUSTIN & ASSOCIATES
CONSULTING ENGINEERS
MARTINSVILLE, VIRGINIA
DESIGNED BY JAG
SCALE Hor. 1" = 50' Ver. 1" = 10'
DRAWN BY RLD
DATE 11-23-81
CHECKED BY NRC, JAG.
SHEET NO. PP-5
NOTE BOOK
No.
ALIGNMENT CHECKED
R/W & UTILITIES CHECKED
PLOTTED
GRADES CHECKED
B. M.'s NOTED
STRUCTURE ELEVATIONS CHECKED
PLATE 1, PLAN-PROFILE
KEUFFEL & ESSER CO.
48 7024 MADE IN U.S.A.