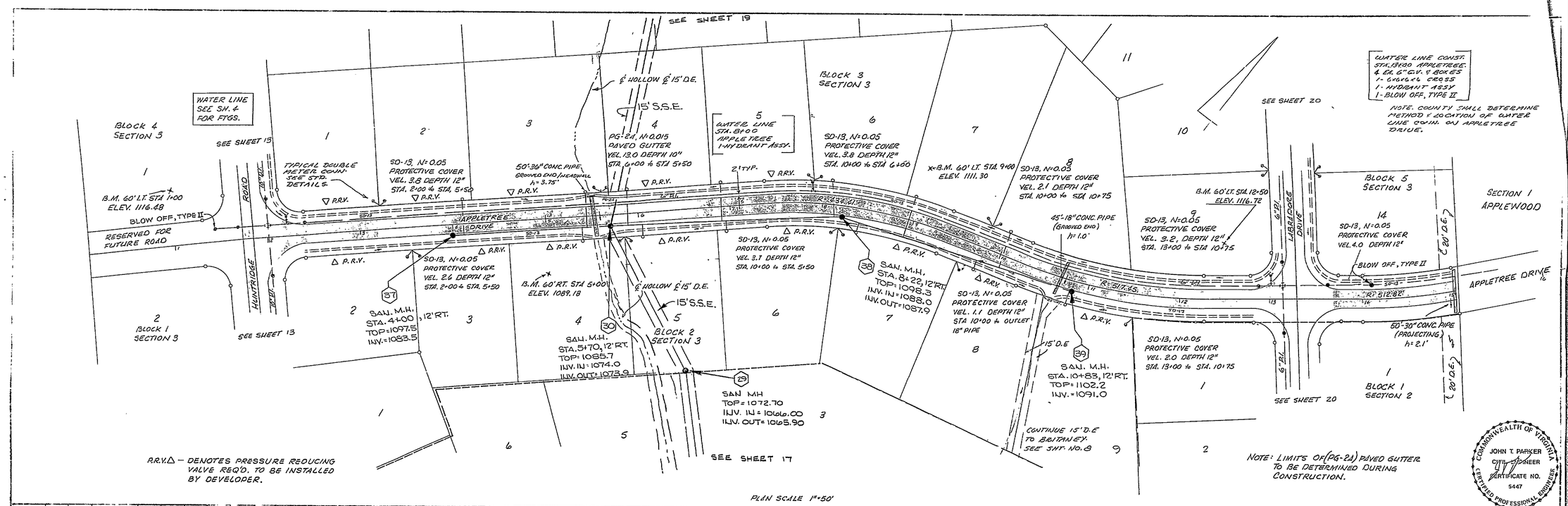
SEE SHEET 19
WATER LINE SEE SH. 4 FOR FTGS.
BLOCK 4 SECTION 3
SEE SHEET 13
TYPICAL DOUBLE METER CONN. SEE STD. DETAILS.
B.M. 60' LT. STA 1+00 ELEV. 1116.48
BLOW OFF, TYPE II
RESERVED FOR FUTURE ROAD
HUNTRIDGE ROAD
APPLETREE DRIVE
SD-13, N=0.05 PROTECTIVE COVER VEL. 3.8 DEPTH 12" STA. 2+00 to STA. 5+50
50'-36" CONC. PIPE GROOVED END, headwall h=3.75'
℄ HOLLOW ℄ 15' D.E.
15' S.S.E.
PG-2A, N=0.015 PAVED GUTTER VEL. 13.0 DEPTH 10" STA. 6+00 to STA 5+50
WATER LINE STA. 8+00 APPLE TREE 1-HYDRANT ASSY.
BLOCK 3 SECTION 3
SD-13, N=0.05 PROTECTIVE COVER VEL. 3.8 DEPTH 12" STA. 10+00 to STA 6+00
x-B.M. 60' LT. STA. 9+00 ELEV. 1111.30
SD-13, N=0.05 PROTECTIVE COVER VEL. 2.1 DEPTH 12" STA. 10+00 to STA 10+75
45'-18" CONC. PIPE (GROOVED END) h=1.0'
SD-13, N=0.05 PROTECTIVE COVER VEL. 3.2, DEPTH 12" STA. 13+00 to STA 10+75
B.M. 60' LT. STA. 12+50 ELEV. 1116.72
SEE SHEET 20
WATER LINE CONST. STA. 6+00 APPLETREE: 4 EA. 6" G.V. & BOXES 1-GRAVELY CROSS 1-HYDRANT ASSY 1-BLOW OFF, TYPE II
NOTE: COUNTY SHALL DETERMINE METHOD & LOCATION OF WATER LINE CONN. ON APPLETREE DRIVE.
LABRADORE DRIVE
BLOCK 5 SECTION 3
SD-13, N=0.05 PROTECTIVE COVER VEL. 4.0 DEPTH 12"
BLOW OFF, TYPE II
SECTION 1 APPLEWOOD
APPLETREE DRIVE
R=512.98'
60'-30" CONC. PIPE (PROJECTING) h=2.1'
BLOCK 1 SECTION 2
SEE SHEET 20
SD-13, N=0.05 PROTECTIVE COVER VEL. 2.6 DEPTH 12" STA. 2+00 to STA. 5+50
B.M. 60' RT. STA 5+00 ELEV. 1089.18
SAN. M.H. STA. 4+00, 12' RT. TOP=1097.5 INV.=1083.5
SAN. M.H. STA. 5+70, 12' RT. TOP=1085.7 INV. IN=1074.0 INV. OUT=1073.9
BLOCK 2 SECTION 3
SAN M.H. TOP=1072.70 INV. IN=1066.00 INV. OUT=1065.90
SEE SHEET 17
SAN. M.H. STA. 8+22, 12' RT. TOP=1098.3 INV. IN=1088.0 INV. OUT=1087.9
SD-13, N=0.05 PROTECTIVE COVER VEL. 1.1 DEPTH 12" STA 10+00 to OUTLET 18" PIPE
15' D.E.
SAN. M.H. STA. 10+83, 12' RT. TOP=1102.2 INV.=1091.0
CONTINUE 15' D.E TO BRITANEY. SEE SHT. NO. 8
SD-13, N=0.05 PROTECTIVE COVER VEL. 2.0 DEPTH 12" STA. 13+00 to STA. 10+75
NOTE: LIMITS OF (PG-2A) PAVED GUTTER TO BE DETERMINED DURING CONSTRUCTION.
P.R.V.△ — DENOTES PRESSURE REDUCING VALVE REQ'D. TO BE INSTALLED BY DEVELOPER.
PLAN SCALE 1"=50'
COMMONWEALTH OF VIRGINIA
JOHN T. PARKER
CIVIL ENGINEER
CERTIFICATE NO. 5447
CERTIFIED PROFESSIONAL ENGINEER
PROFILE OF APPLETREE DRIVE
SCALE HORIZONTAL 1"=50' VERTICAL 1"=10'
B.M. 60' LT. STA. 1+00 ELEV. 1116.48
B.M. 60' RT. STA. 5+00 ELEV. 1089.18
B.M. 60' LT. STA. 9+00 ELEV. 1111.30
B.M. 60' LT. STA. 12+50 ELEV. 1116.72
PLAN & PROFILE OF HUNTRIDGE ROANOKE COUNTY VIRGINIA
FUTURE CONSTRUCTION SECTION 13
INTERSECTION HUNTRIDGE ROAD
V.C. 250' V.S.O. 2.8'
V.C. 200'
V.C. 200' V.S.O. 200'
V.C. 200' V.S.O. 2.17'
V.C. 100'
V.C. 100'
INTERSECTION LABRADORE DRIVE
NOTE: MAINTAIN MIN. COVER OF 3 FT. OVER W.L. AT ALL LOCATIONS ALONG PROFILE
FINISHED GRADE
FIRE HYDRANT CONNECTION
BLOW OFF, TYPE II
10" W.L. IN HUNTRIDGE
6" W.L. PROFILE
EXIST. GROUND
31" PIPE
FIRE HYDRANT CONN.
6" W.L. IN LABRADORE
30" PIPE
18"
NOTE: COVER W.L. TO MAINTAIN MIN. 18" VERTICAL CLEARANCE WITH STORM SEWER.
NOTE: MAINTAIN MIN. 18" VERTICAL CLEARANCE BETWEEN W.L. AND STORM SEWER
NOTE: ALL WATER LINES TO BE STAKED OUT PRIOR TO CONSTRUCTION.
170'-8" @ 5.59%
250'-8" @ 5.50%
260'-8" @ 1.16%
1120
1110
1100
1090
1080
K+E PL. 1, PLAN-PROFILE KEUFFEL & ESSER CO.
48 7660 MADE IN U.S.A.
RC-1873
18