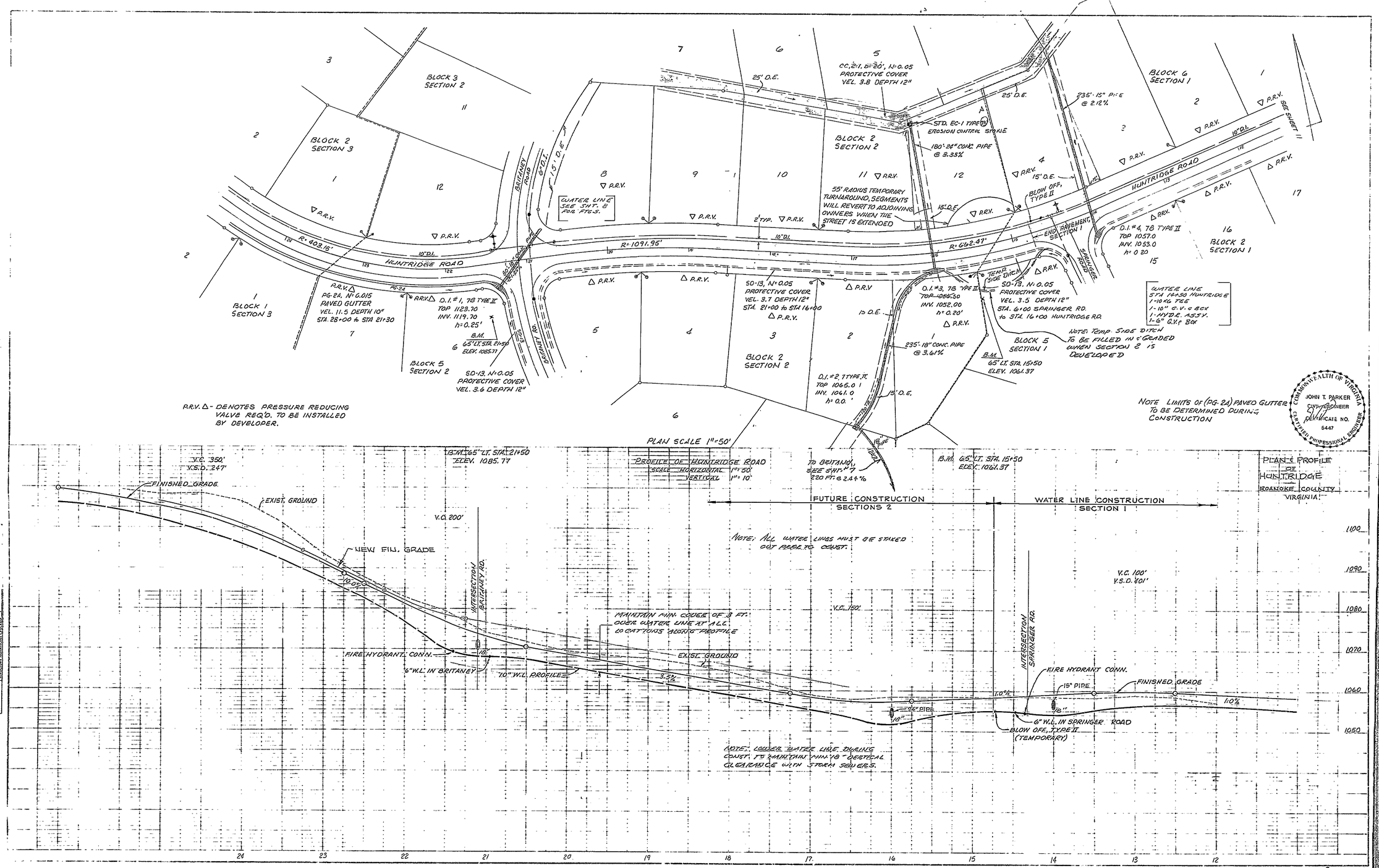
BLOCK 3 SECTION 2
BLOCK 2 SECTION 3
BLOCK 1 SECTION 3
BLOCK 5 SECTION 2
BLOCK 2 SECTION 2
BLOCK 6 SECTION 1
BLOCK 2 SECTION 1
BLOCK 5 SECTION 1
HUNTRIDGE ROAD
BRITANEY ROAD
SPRINGER ROAD
R=403.16'
R=1091.95'
R=662.47'
10" D.I.
25' D.E.
15' D.E.
6" D.I.
P.R.V.
PG-24, N=0.015 PAVED GUTTER VEL. 11.5 DEPTH 10" STA. 28+00 to STA 21+30
D.I. #1, 7B TYPE II TOP 1123.70 INV. 1119.70 h=0.25'
B.M. 65' LT. STA. 21+50 ELEV. 1085.77
SD-13, N=0.05 PROTECTIVE COVER VEL. 3.6 DEPTH 12"
SD-13, N=0.05 PROTECTIVE COVER VEL. 3.7 DEPTH 12" STA. 21+00 to STA 16+00
CC, 2:1, B=20', N=0.05 PROTECTIVE COVER VEL. 3.8 DEPTH 12"
STD. EC-1 TYPE (2) EROSION CONTROL STRUCTURE
180' 24" CONC. PIPE @ 5.33%
55' RADIUS TEMPORARY TURNAROUND, SEGMENTS WILL REVERT TO ADJOINING OWNERS WHEN THE STREET IS EXTENDED
WATER LINE SEE SHT. 8 FOR FTG.S.
235' 15" PIPE @ 2.12%
BLOW OFF, TYPE II
END PAVEMENT, SECTION 1
D.I. #4, 7B TYPE II TOP 1057.0 INV. 1053.0 h=0.20
D.I. #3, 7B TYPE II TOP 1056.50 INV. 1052.00 h=0.20'
TEMP. SIDE DITCH
SD-13, N=0.05 PROTECTIVE COVER VEL. 3.5 DEPTH 12" STA. 6+00 SPRINGER RD. to STA. 16+00 HUNTRIDGE RD.
WATER LINE STA 16+50 HUNTRIDGE 1-10" KG TEE 1-10" G.V. & BOX 1-HYDR. ASSY. 1-6" G.V. & BOX
NOTE: TEMP. SIDE DITCH TO BE FILLED IN & GRADED WHEN SECTION 2 IS DEVELOPED
235' 18" CONC. PIPE @ 3.61%
D.I. #2, 7 TYPE II TOP 1065.0 INV. 1061.0 h=0.0'
B.M. 65' LT. STA. 15+50 ELEV. 1061.37
P.R.V. △ - DENOTES PRESSURE REDUCING VALVE REQ'D. TO BE INSTALLED BY DEVELOPER.
NOTE LIMITS OF (PG. 24) PAVED GUTTER TO BE DETERMINED DURING CONSTRUCTION
PLAN SCALE 1"=50'
COMMONWEALTH OF VIRGINIA
JOHN T. PARKER
CIVIL ENGINEER
CERTIFICATE NO. 5447
CERTIFIED PROFESSIONAL ENGINEER
PROFILE OF HUNTRIDGE ROAD
SCALE HORIZONTAL 1"=50'
VERTICAL 1"=10'
TO BRITANEY, SEE SHT. 7 220 FT. @ 2.44%
FUTURE CONSTRUCTION SECTIONS 2
WATER LINE CONSTRUCTION SECTION 1
PLAN & PROFILE OF HUNTRIDGE IN ROANOKE COUNTY VIRGINIA
NOTE: ALL WATER LINES MUST BE STAKED OUT PRIOR TO CONST.
V.C. 350' V.S.D. 247'
FINISHED GRADE
EXIST. GROUND
NEW FIN. GRADE
V.C. 200'
INTERSECTION BRITANEY RD.
FIRE HYDRANT CONN.
6" W.L. IN BRITANEY
10" W.L. PROFILE
MAINTAIN MIN. COVER OF 3 FT. OVER WATER LINE AT ALL LOCATIONS ALONG PROFILE
V.C. 100'
V.S.D. 401'
INTERSECTION SPRINGER RD.
15" PIPE
24" PIPE
6" W.L. IN SPRINGER ROAD
BLOW OFF, TYPE II (TEMPORARY)
NOTE: LOWER WATER LINE DURING CONST. TO MAINTAIN MIN. 18" VERTICAL CLEARANCE WITH STORM SEWERS.
1100
1090
1080
1070
1060
1050
24
23
22
21
20
19
18
17
16
15
14
13
12
PROFILE
NOTE BOOK
No.
K+E PLAN-PROFILE KEUFFEL & ESSER CO.
48 7071 MADE IN U.S.A.
RC-1867